



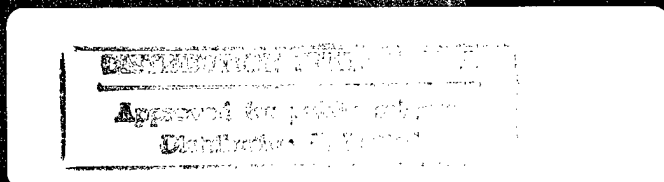
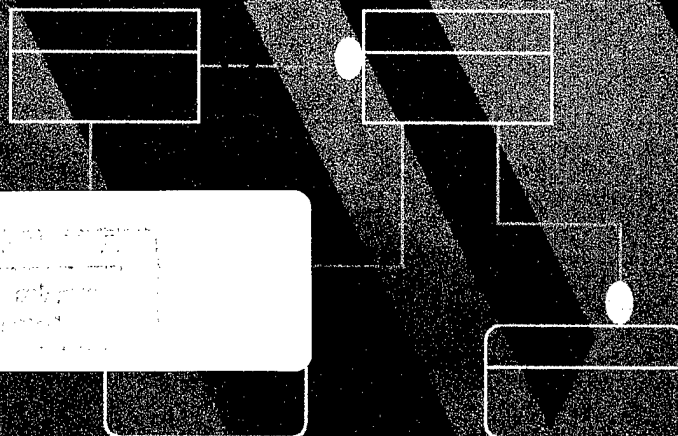
Department of Defense Data Model

VERSION 1

FY 1999

Volume 5

30 November 1998



19990203 007

Defense Information Systems Agency

FAX TO: Jeanette Kingery 767-9089 (V: 767-9090)
attention MS. Pat Mawby 767-8019

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4. Title and Subtitle:

DOD Data Model Version 1-99 Volume 1

Executive Summary

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By Entity.

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 DOD Data Model

5. Funding Numbers: C
6. Authors: Ken Fagan
Harumi Florence
Jim Holt
Ali Nikolai
Josette Whitfield
Sandra Fletcher
Hung Nguyen
Harvey Hough
Irene Chudny
Sungyul Lee
7. Performing Org: DISA Center for Standards
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This report supercedes the 1-98 Version of the DOD Data Model (DDM)
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13. Abstract:

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The DOD Data Model is an integrated view of data requirements for the Functional Areas and Components in the Department of Defense (DOD). It represents, in accordance with the DOD Data Administration 8320 series standards, a view of each data requirement.

Standard data items are represented as entities (prime words), attributes (data elements), and relationships. These objects are represented in graphical format on entity relationship diagrams (Volumes 2-5). The details of these objects are found in the entity report (Volume 6), the attribute report (Volume 7). Enhancements since the 1-98 DDM are located in Volume 8.

Version 1-99 of the DOD Data Model represents the first update in fiscal year 1999 with a cut-off date of 30 Nov 1998 for all DOD Data Dictionary System (DDDS) information.

The DOD Data Model is an integrated view of logical data models from the functional areas.

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- 20. Limitation of Abstract: Unlimited

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Section 3.17

Person

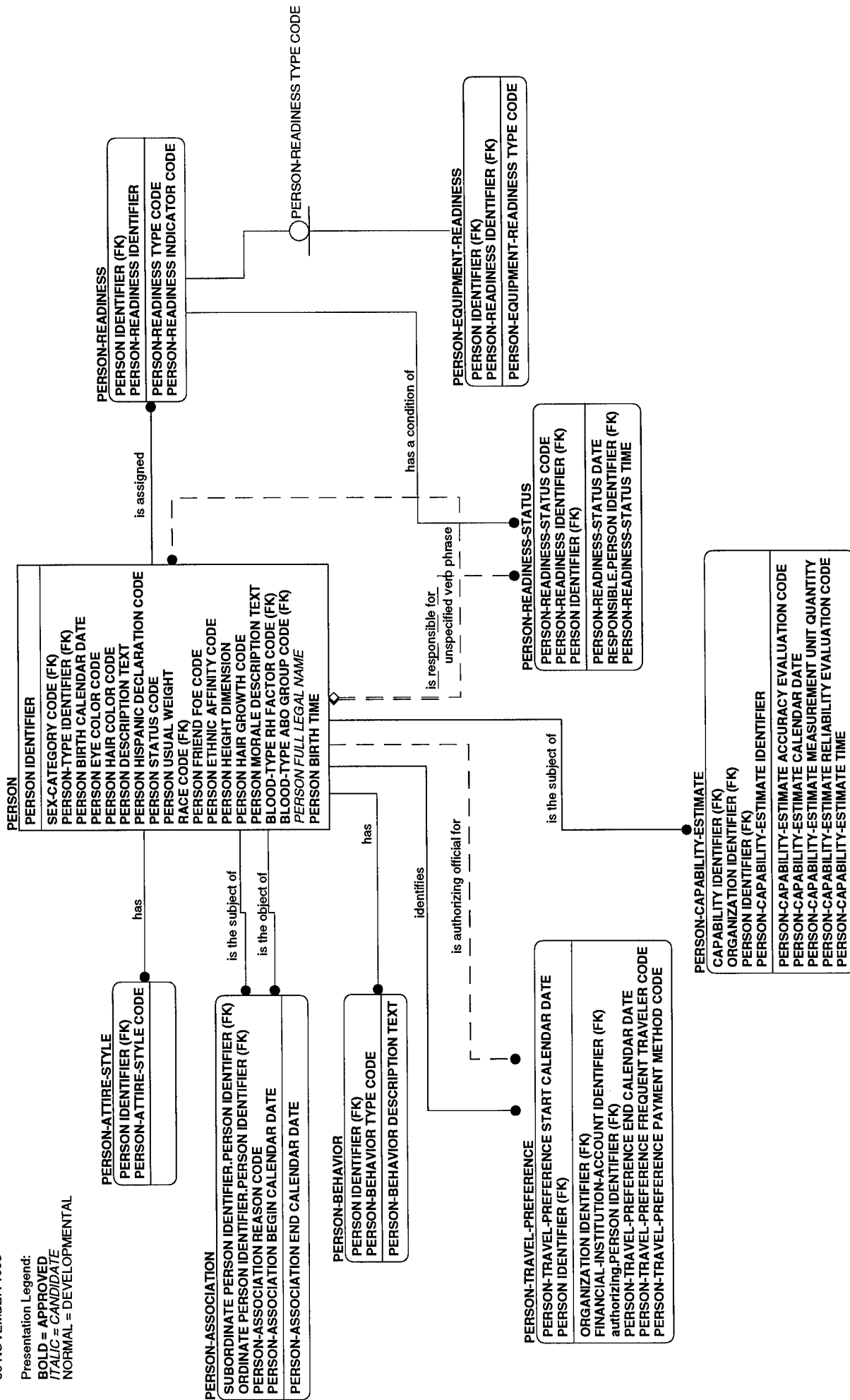
Section 3.17 Person Subject Area

Purpose: The PERSON Subject Area View includes all data about PERSONs of interest to the DoD, knowledge about who is essential to the achievement of the DoD mission. It includes data on military and civilian PERSONs, including actual or potential friends and foes to the U.S.

Note: The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

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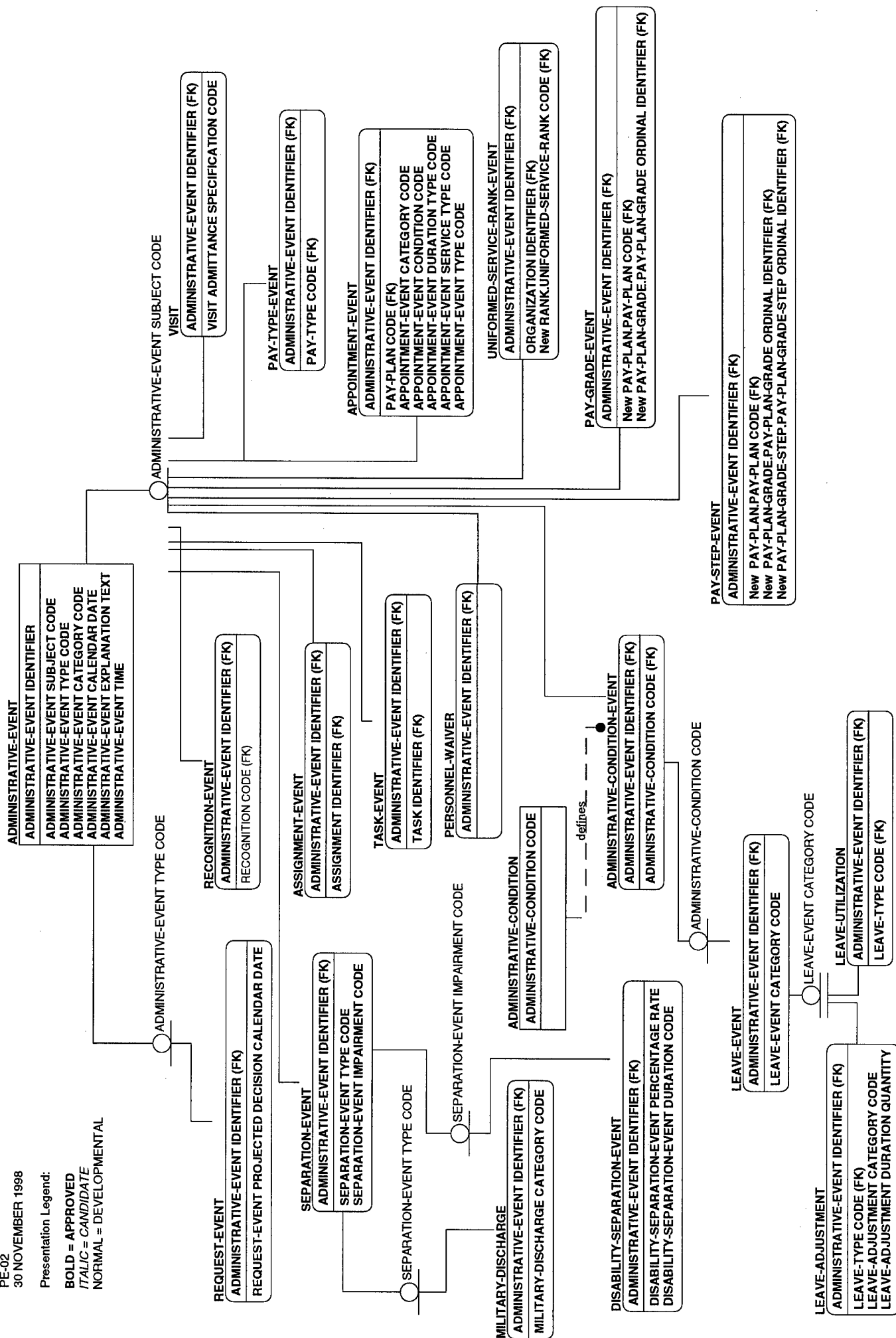
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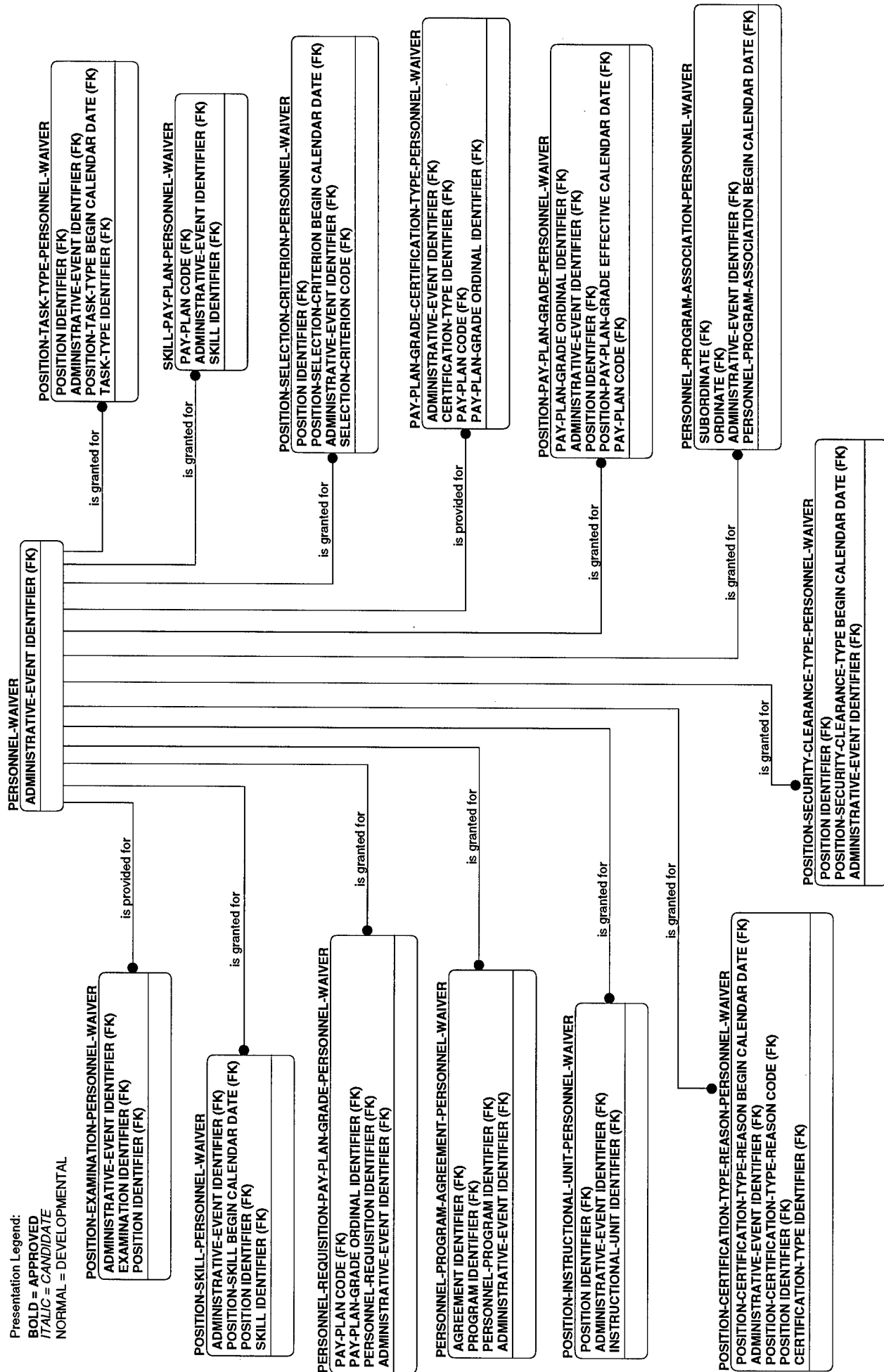
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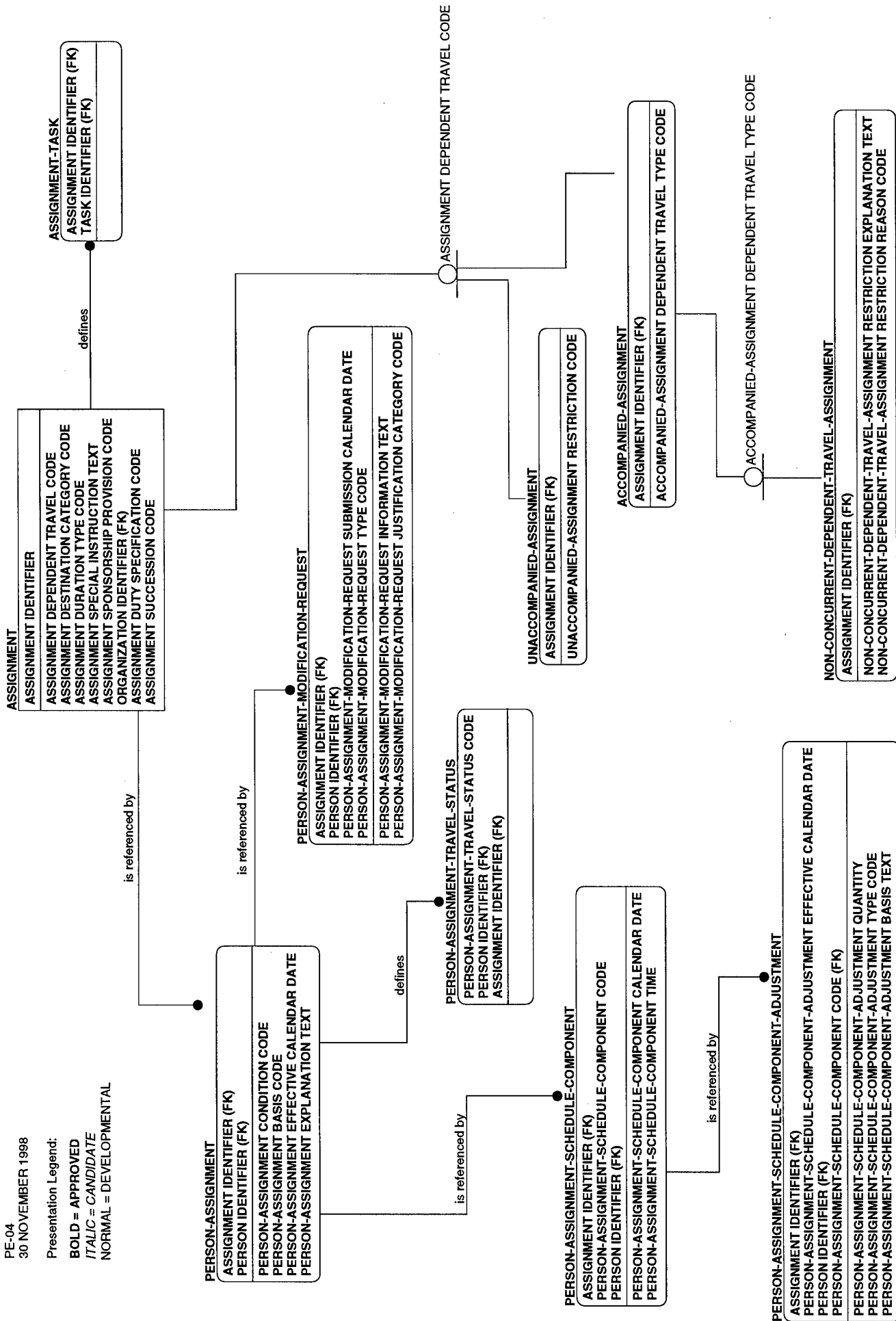
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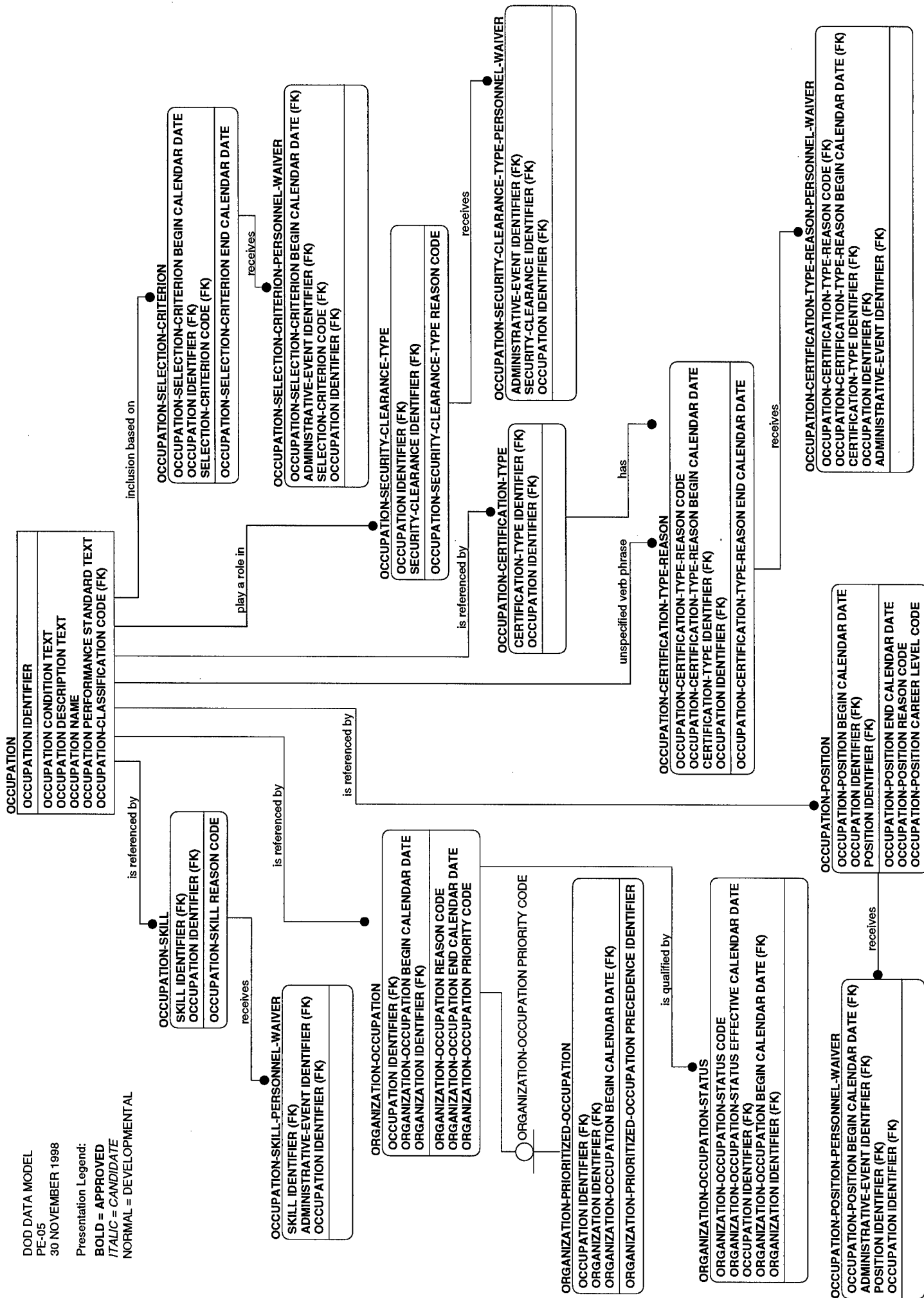
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DOD DATA MODEL
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 30 NOVEMBER 1998
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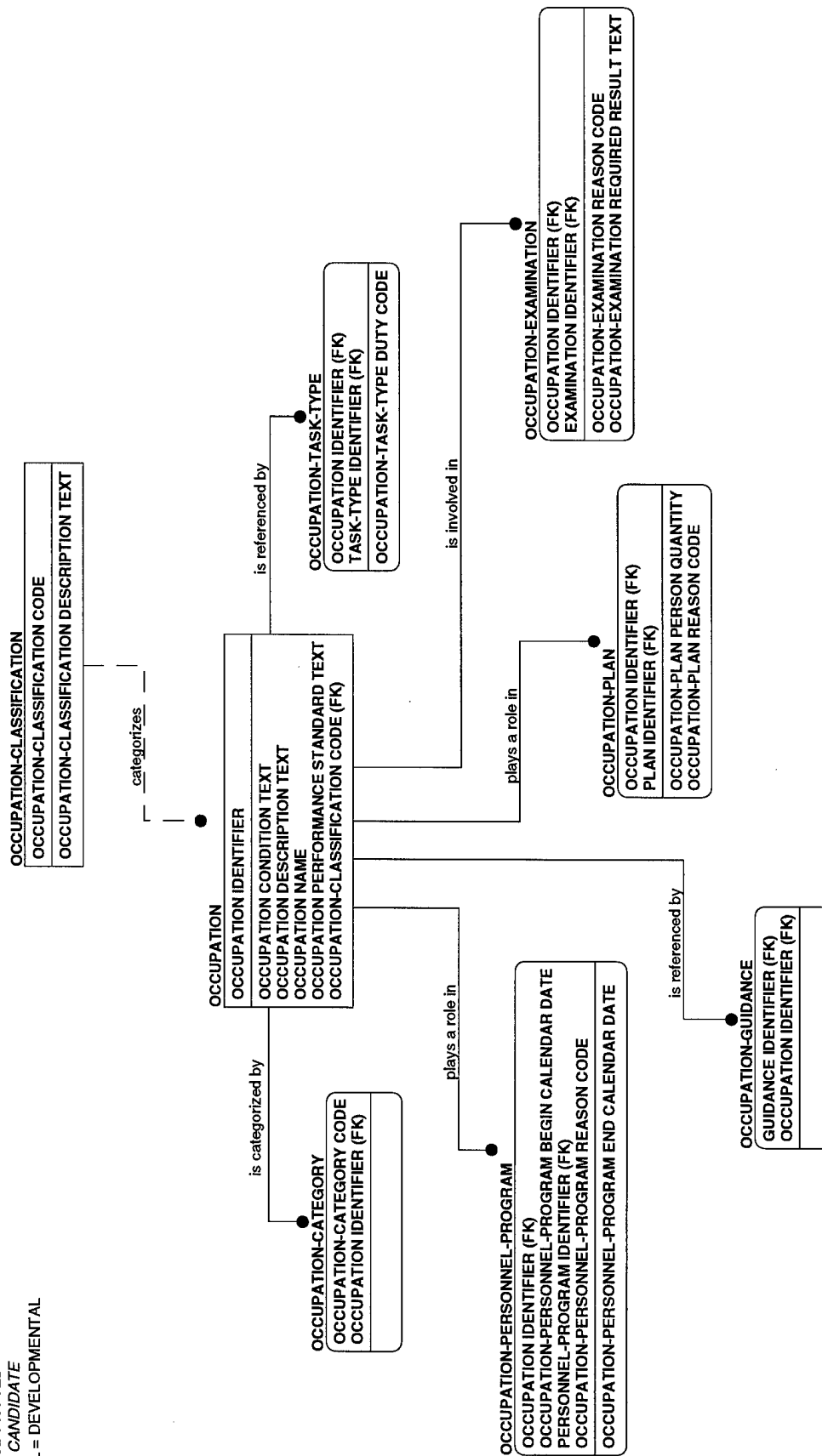


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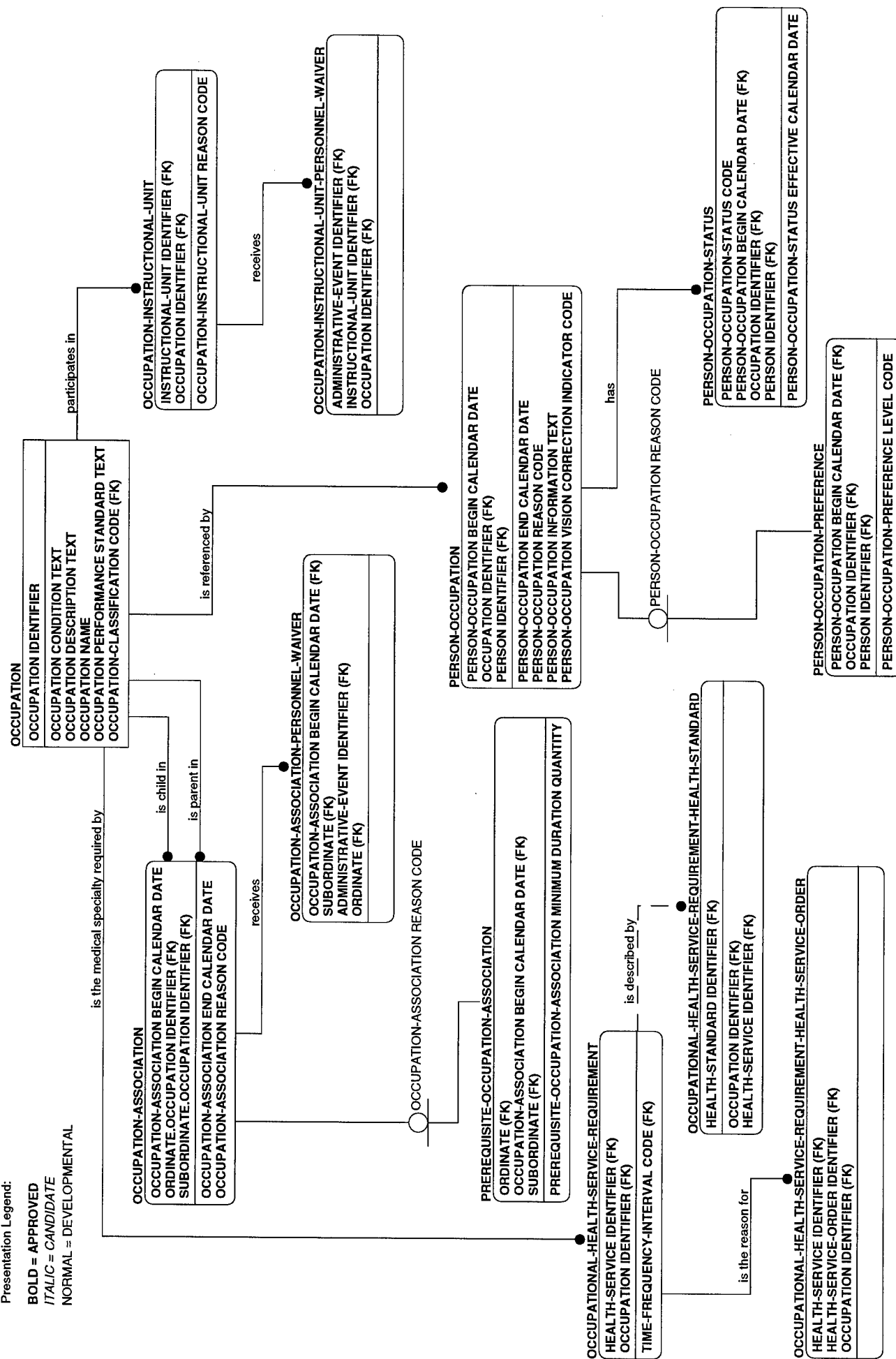
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PE-07



PE-08

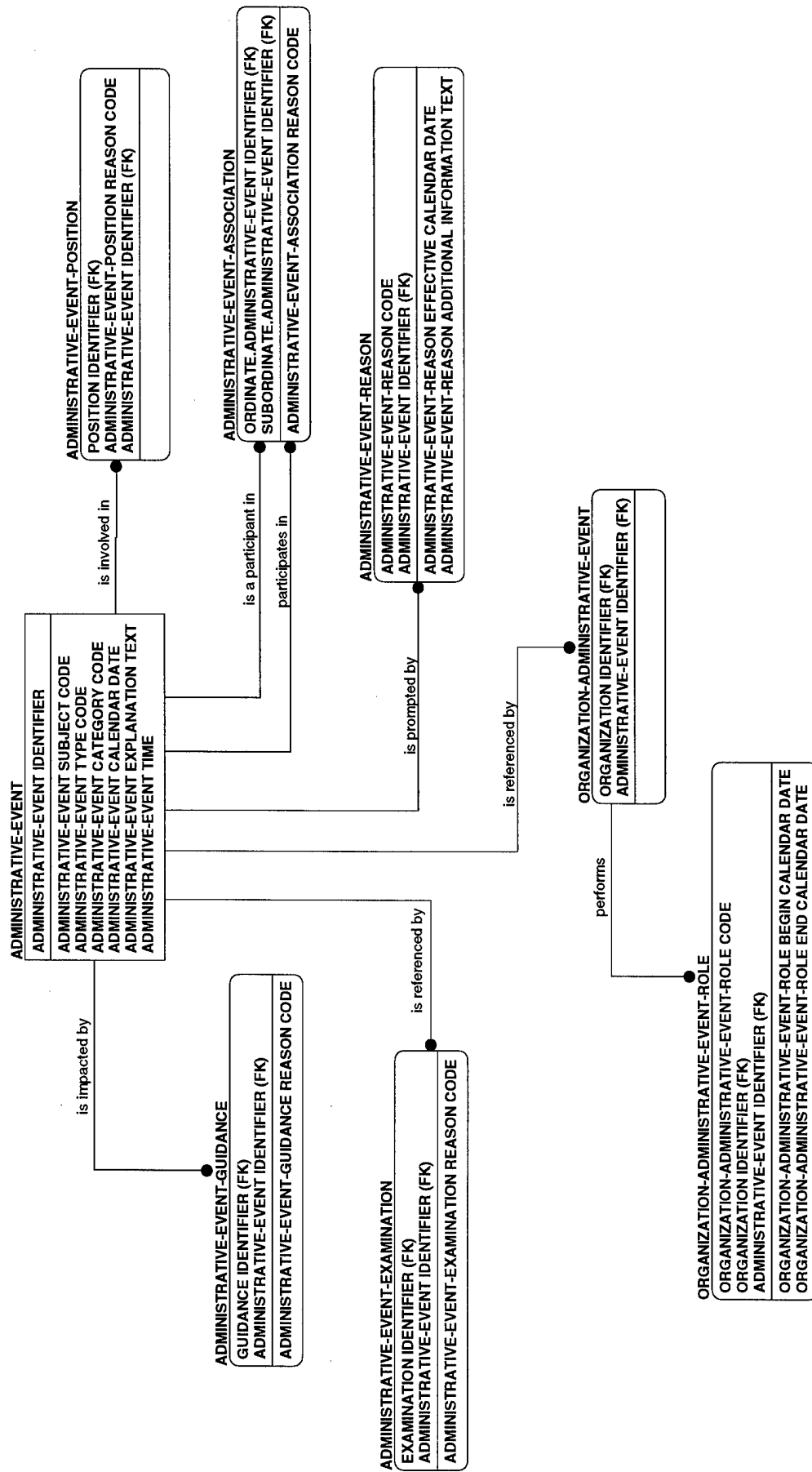
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PE-09

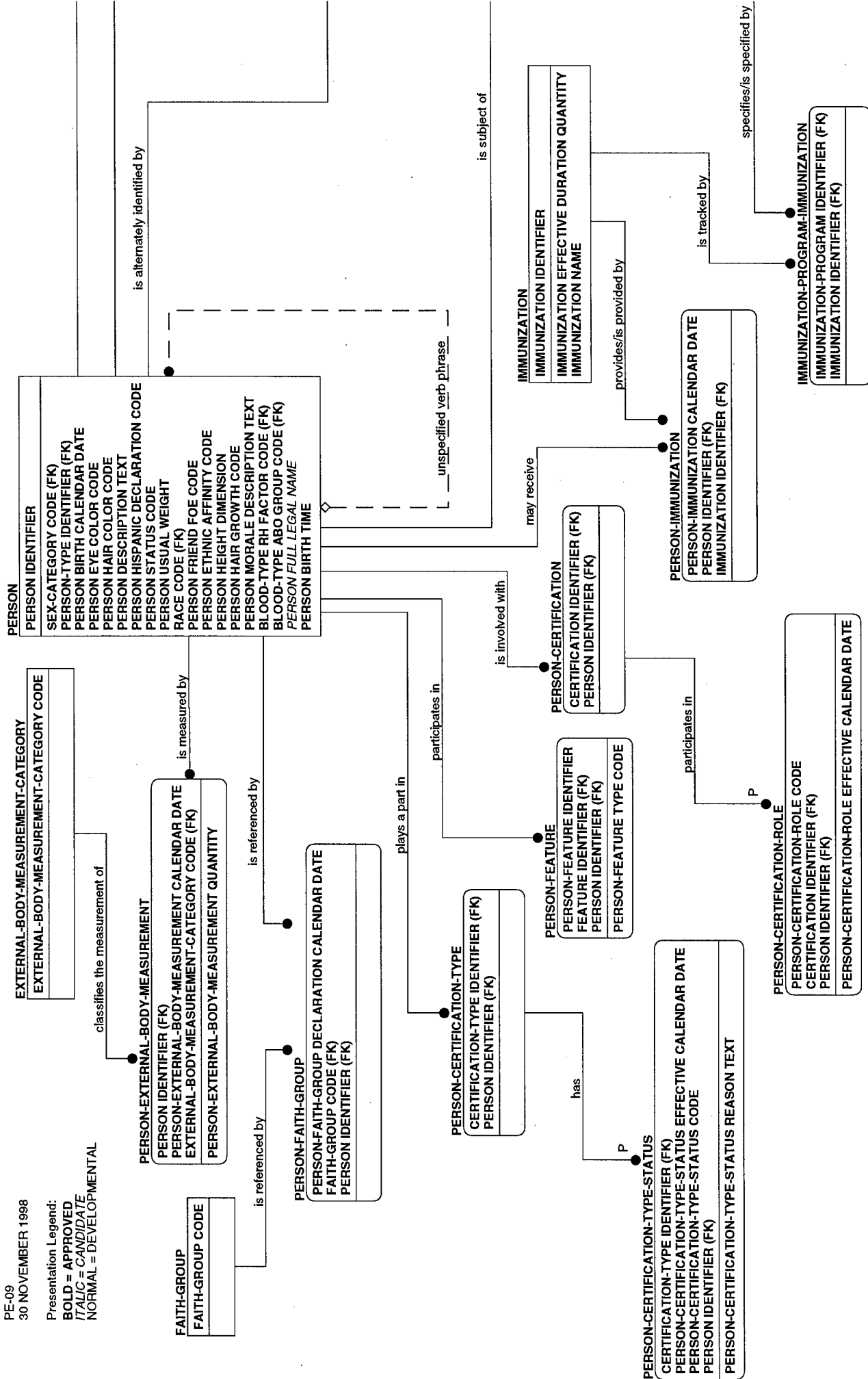
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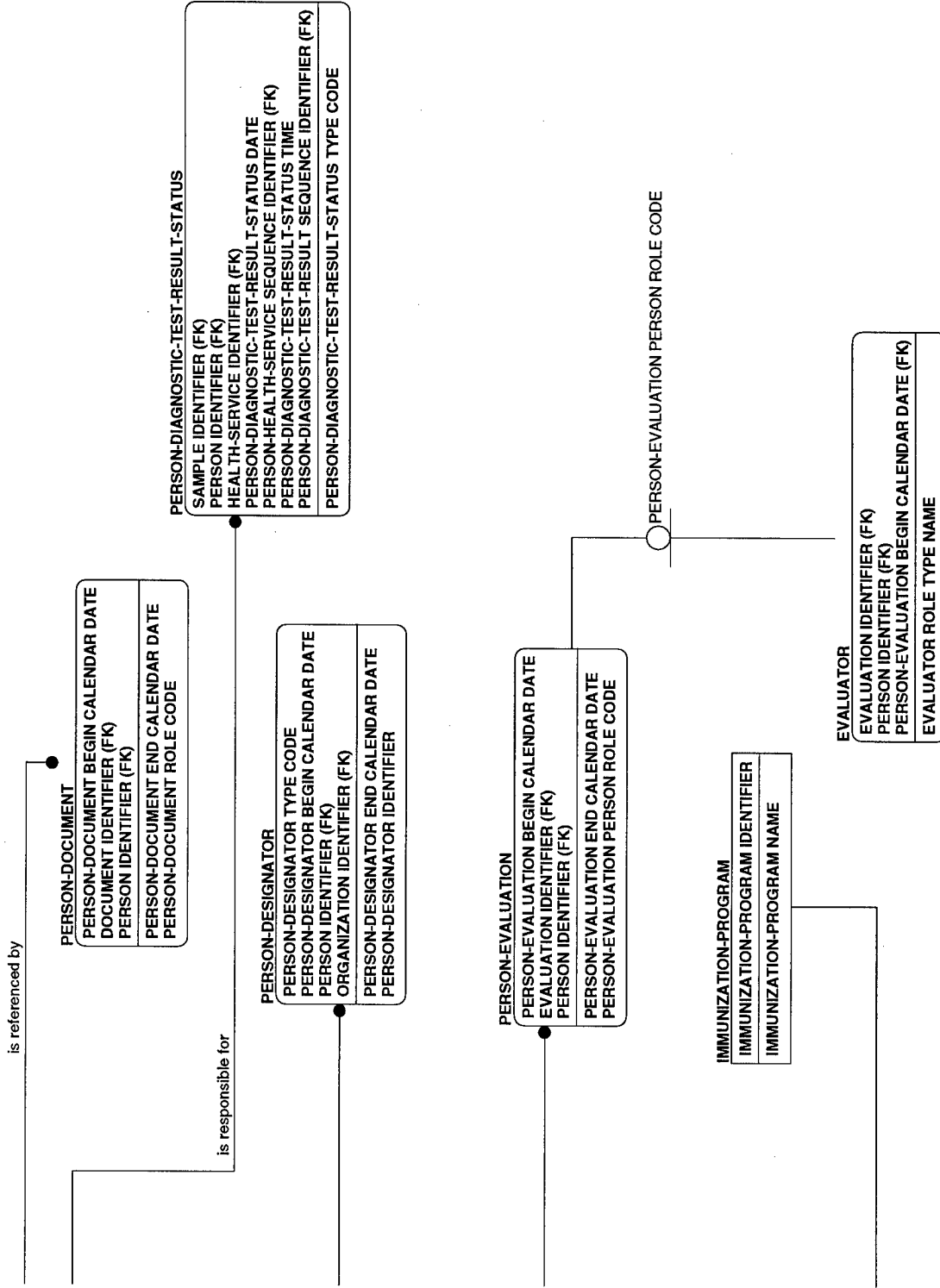
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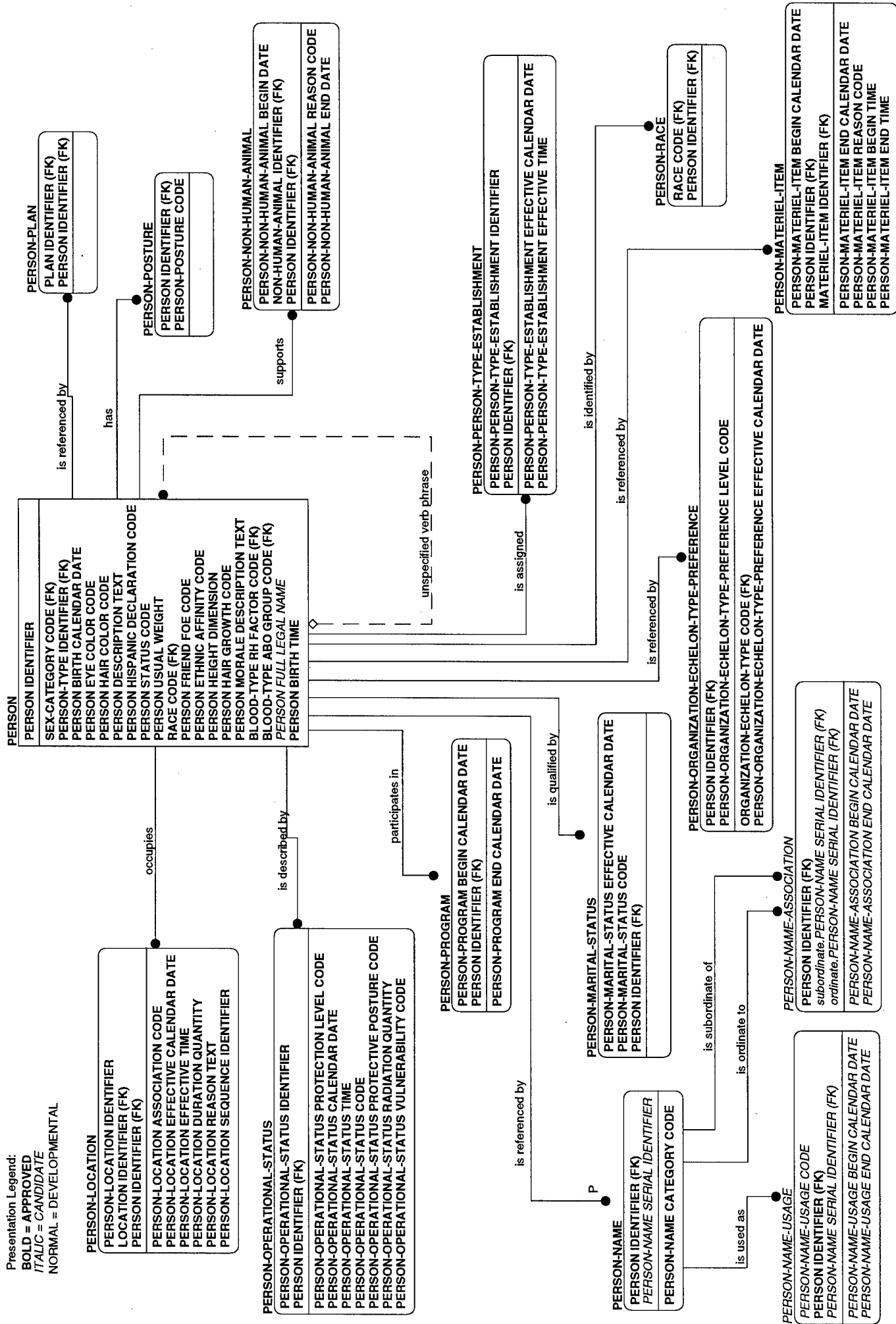
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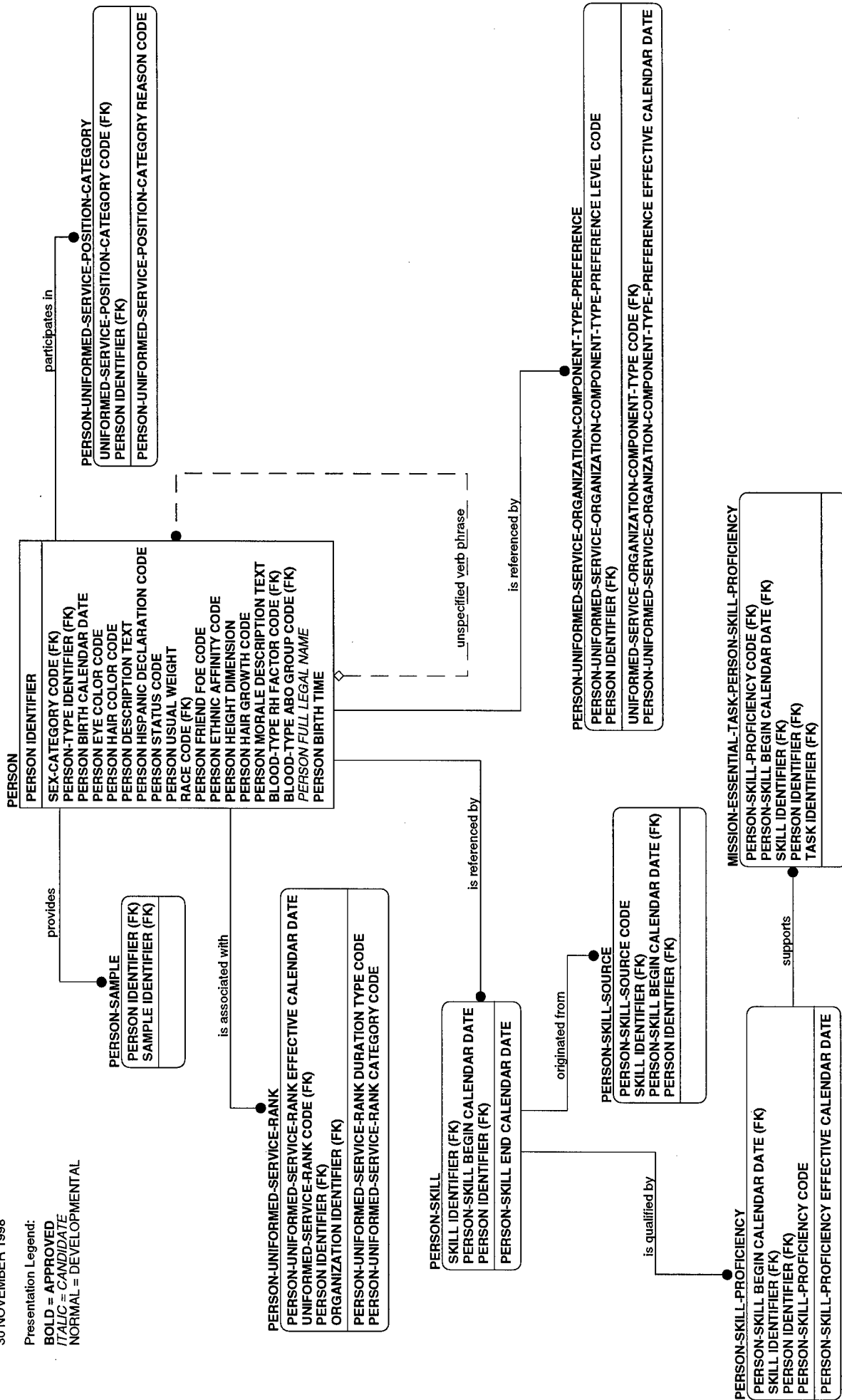
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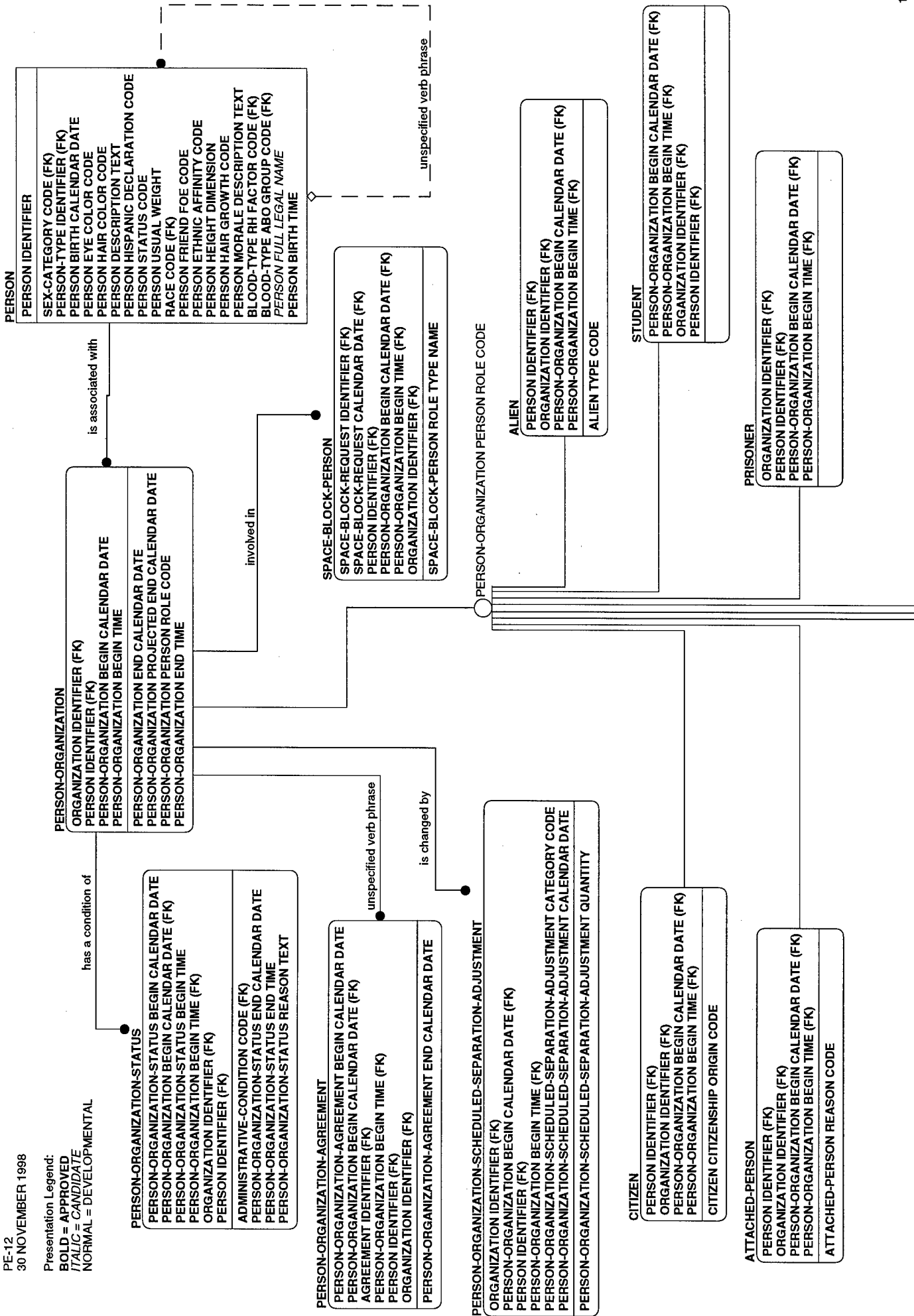
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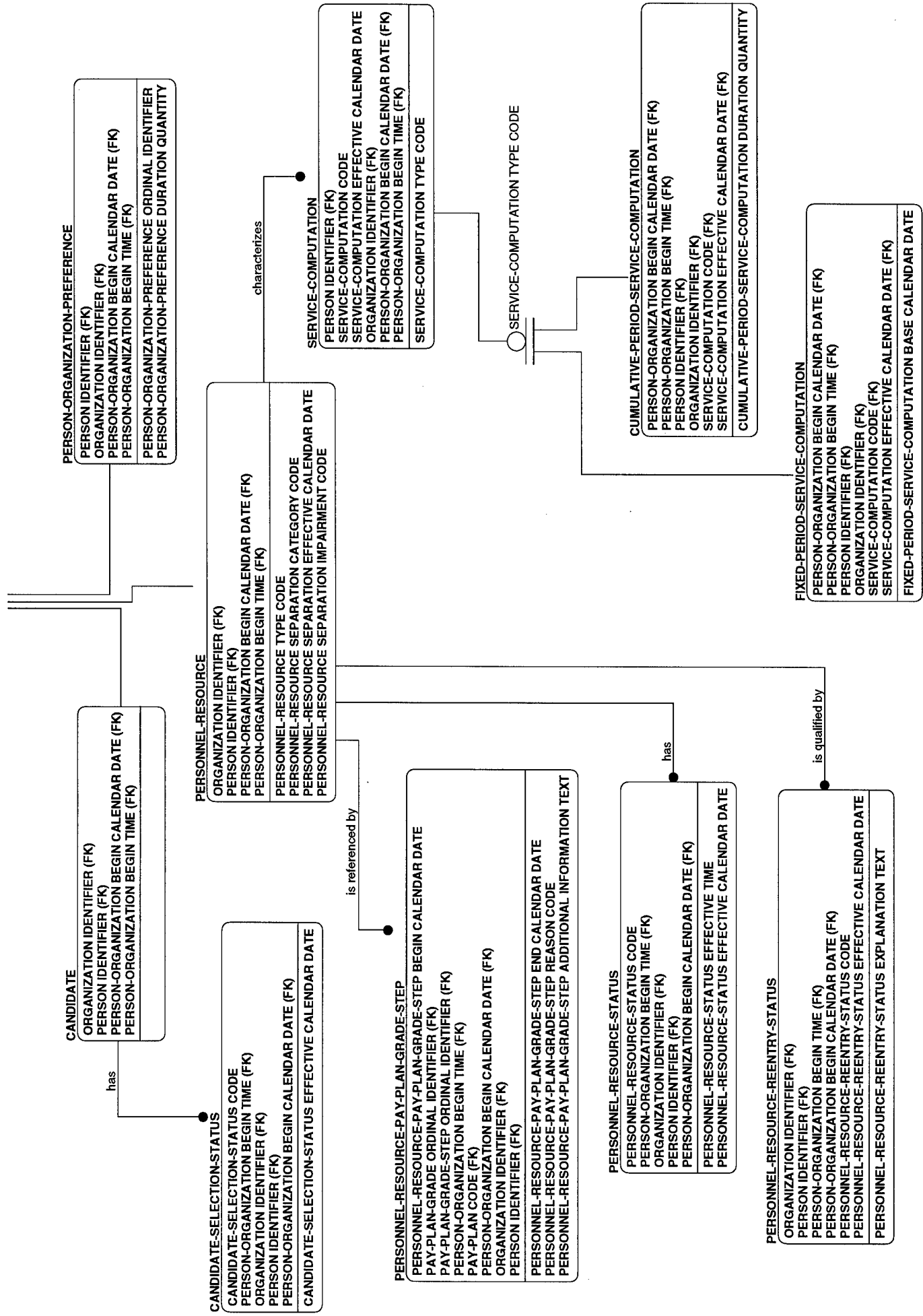
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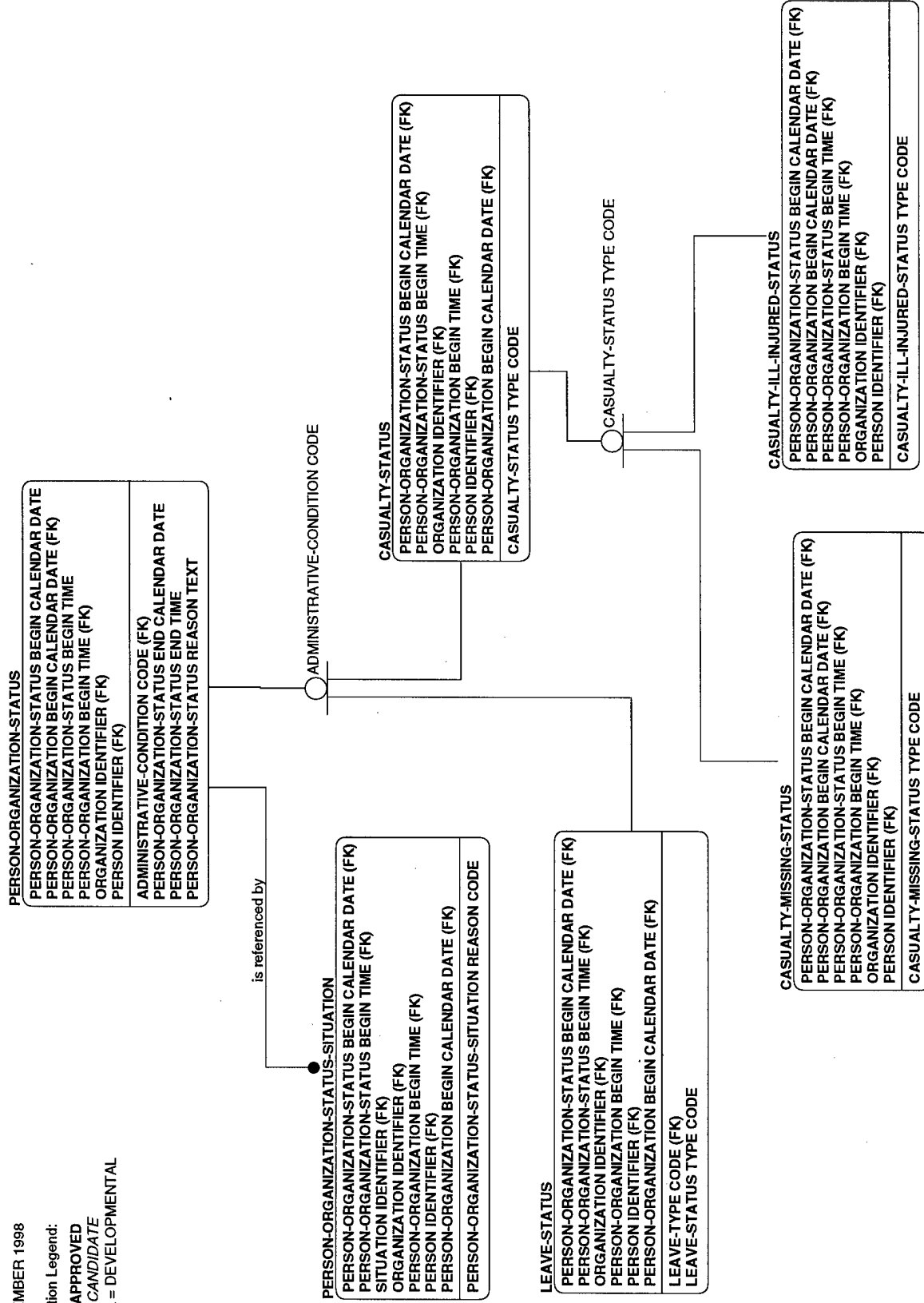
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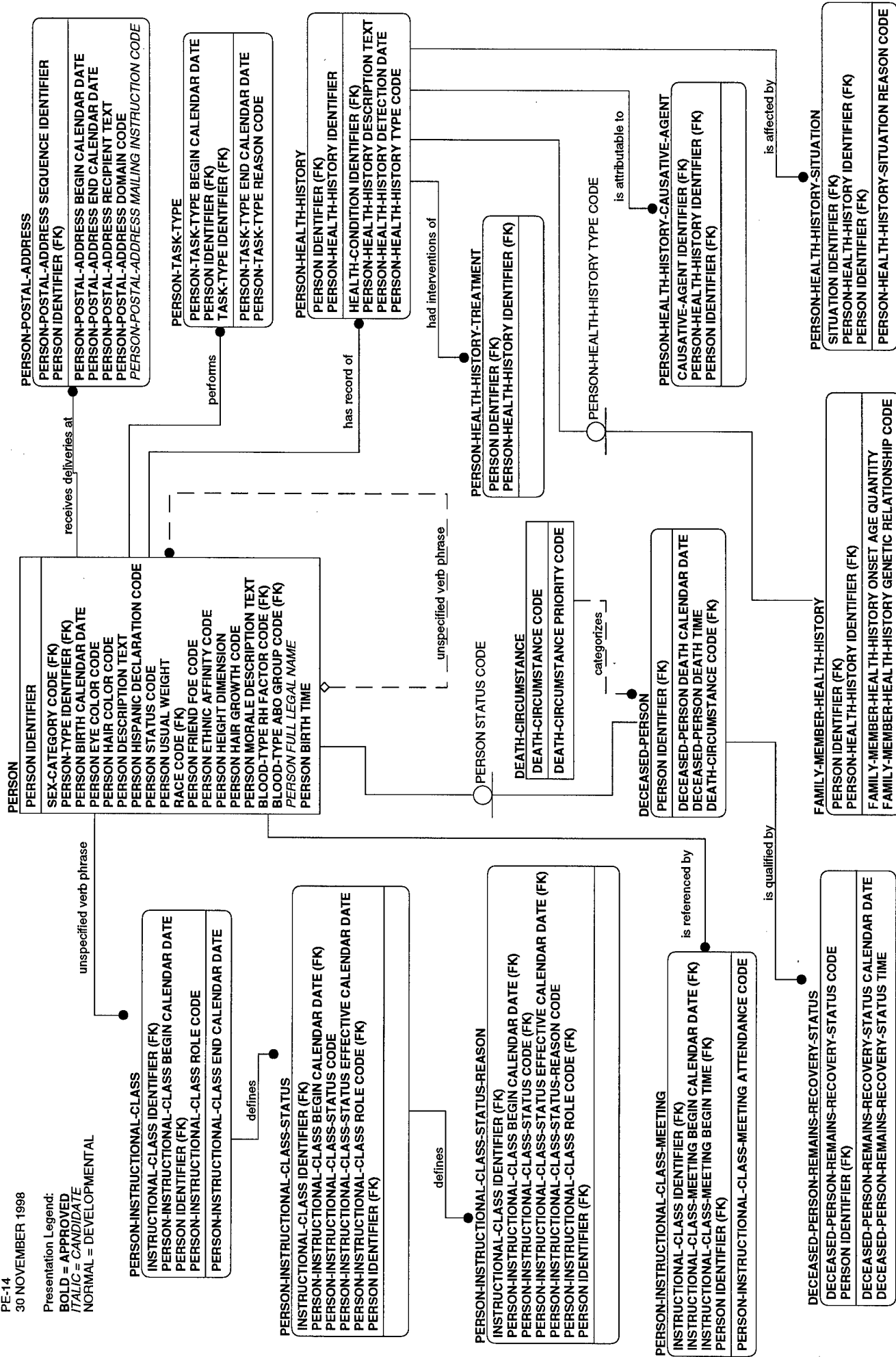
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DOD DATA MODEL

PE-15

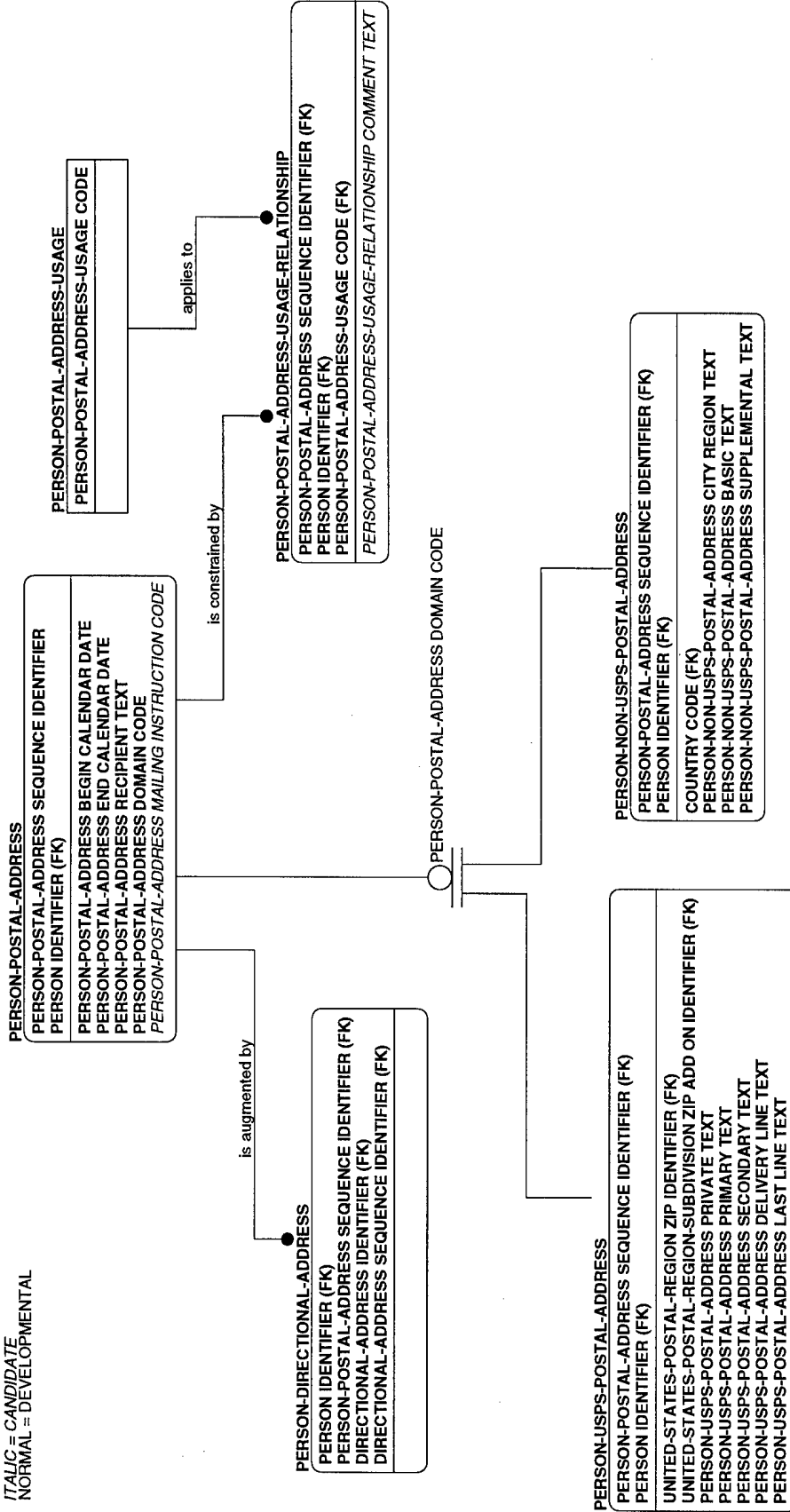
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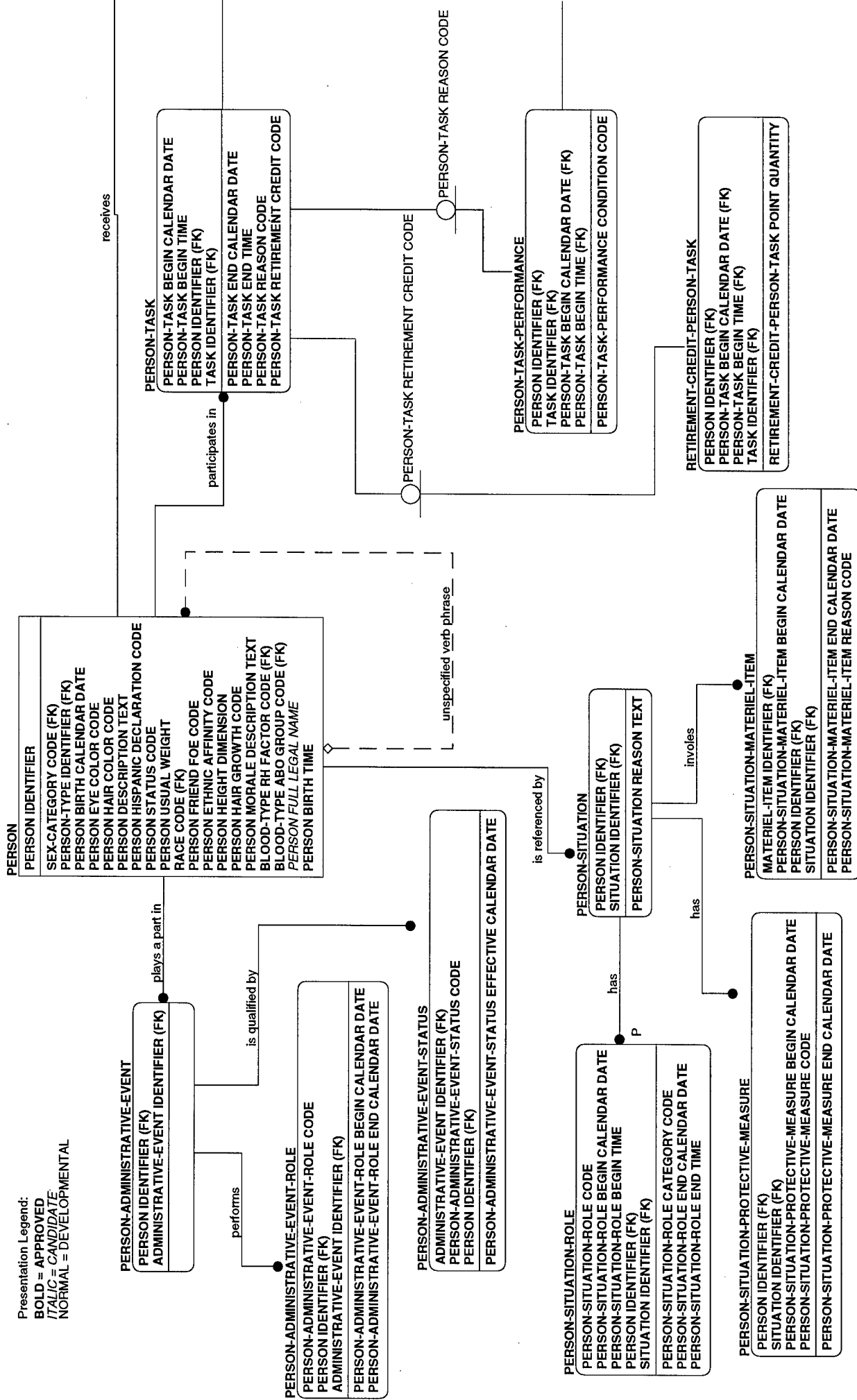
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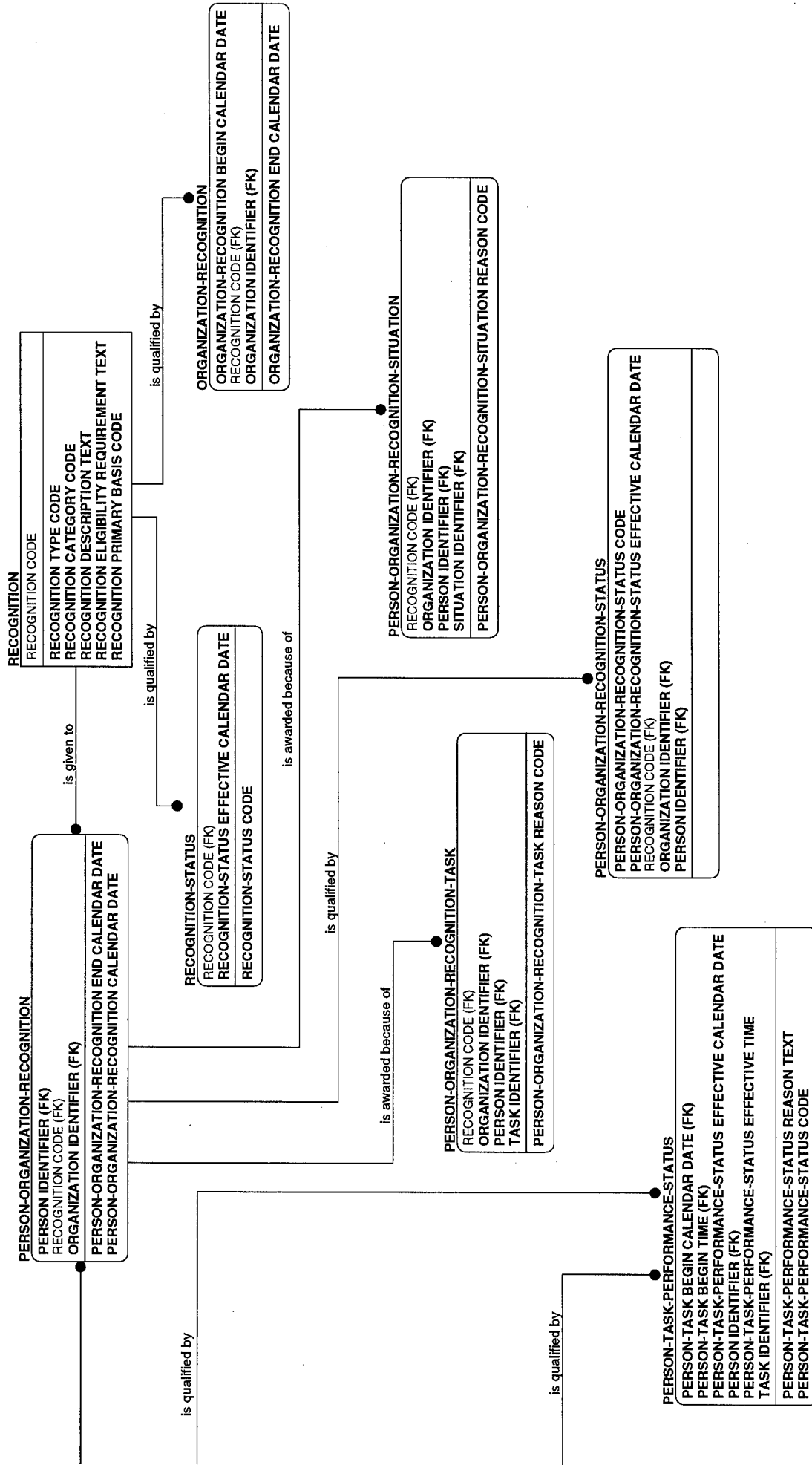
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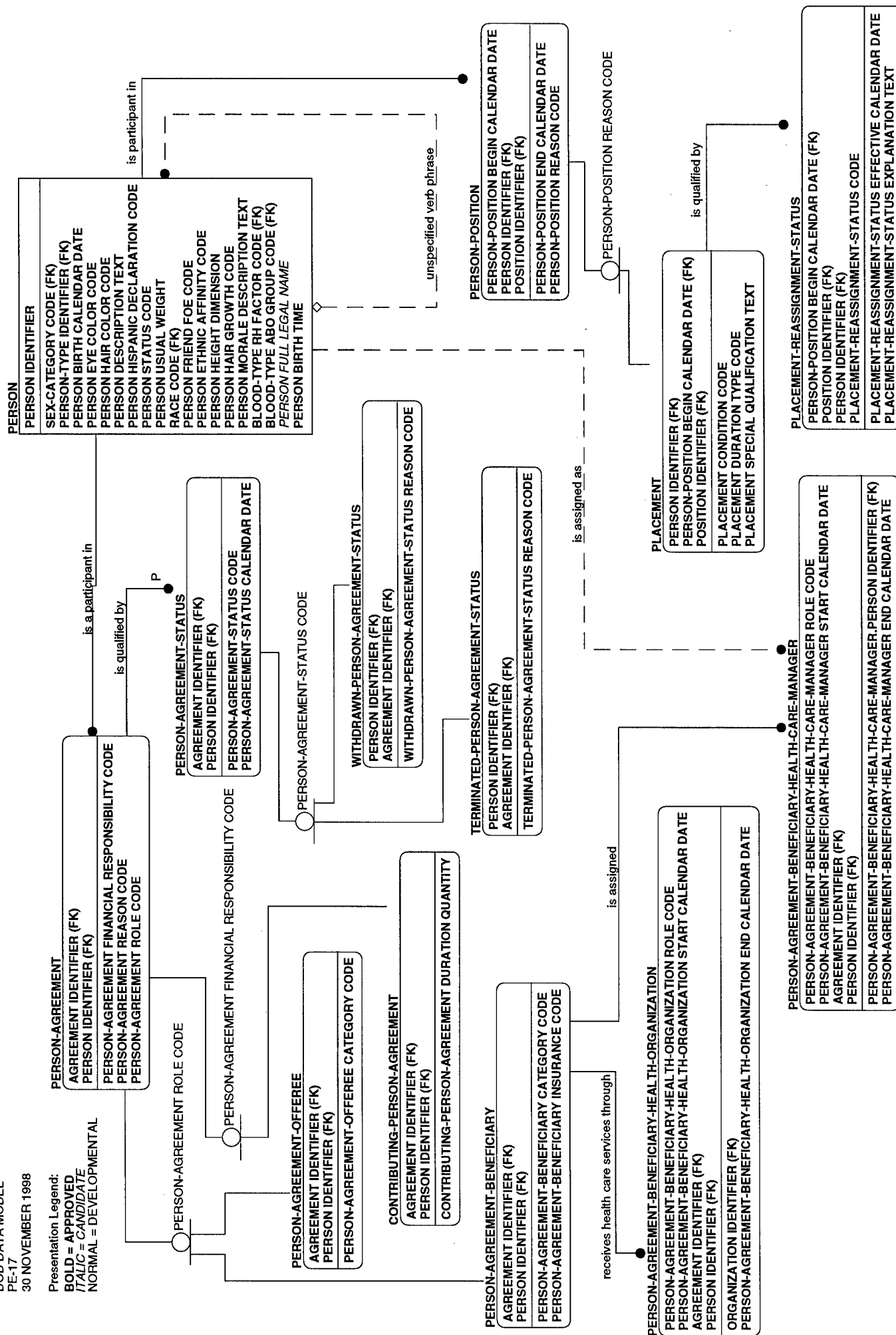
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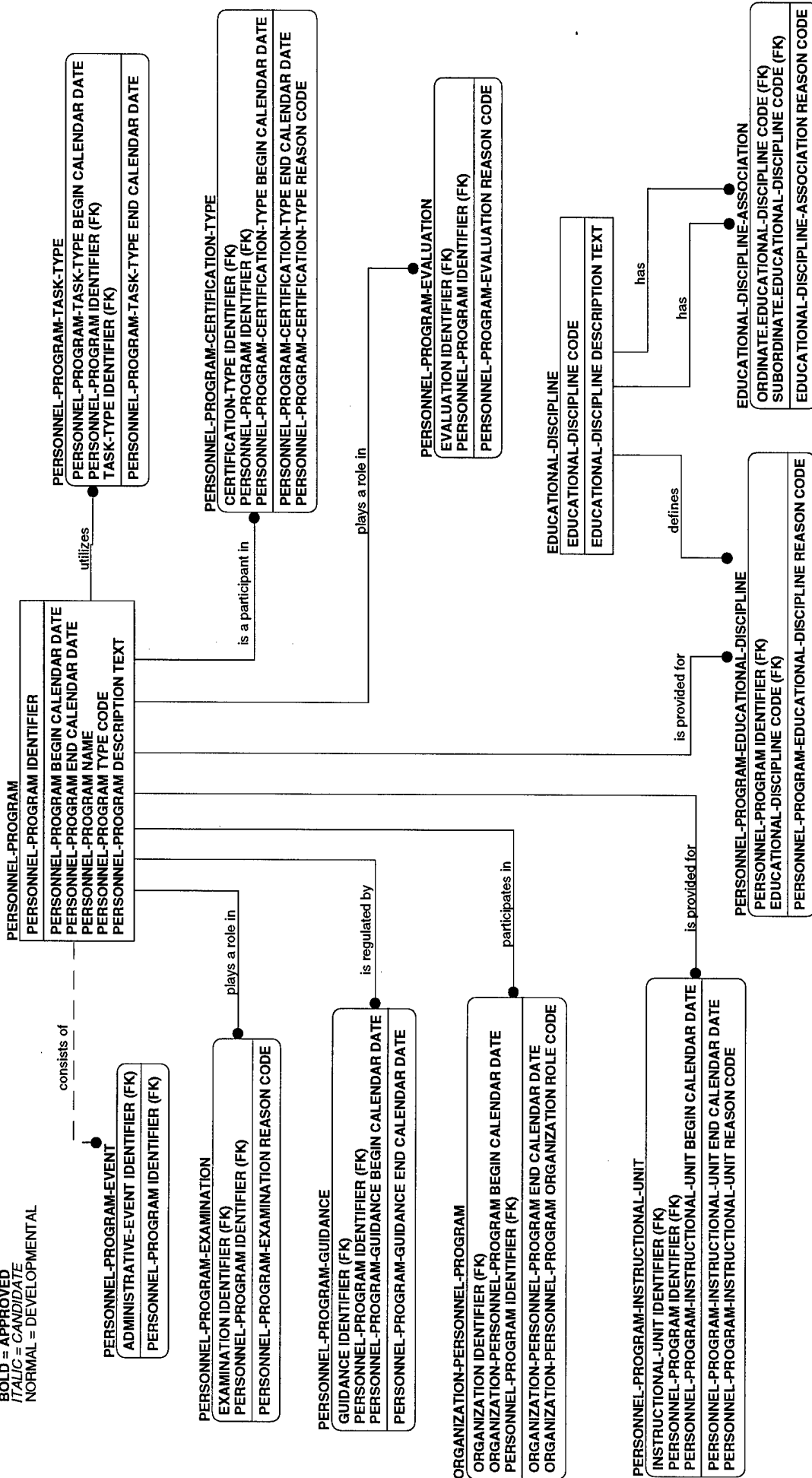
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PE-18

DOD DATA MODEL
PE-18
30 NOVEMBER 1998

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PE-19

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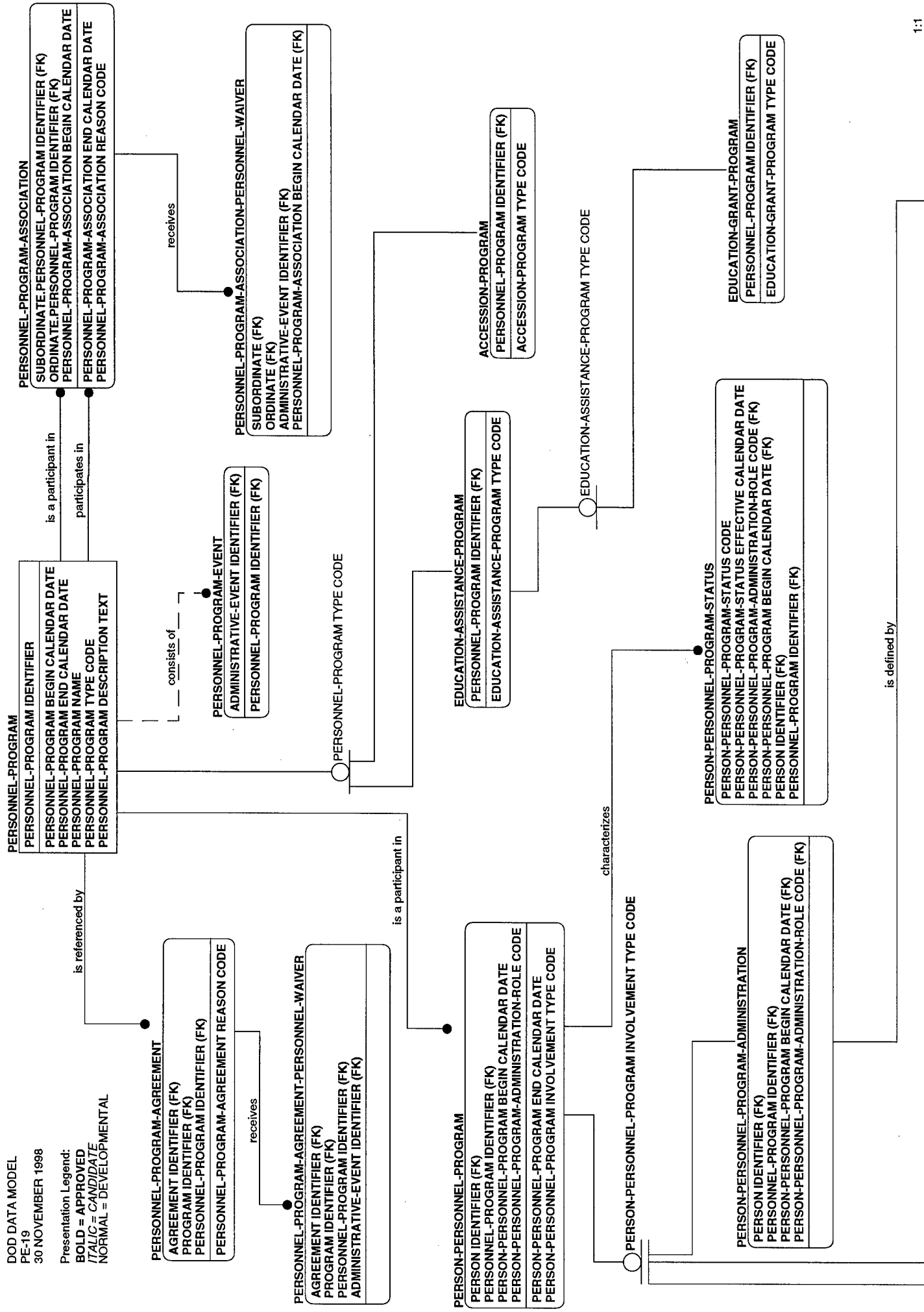
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PERSON-PERSONNEL-PROGRAM-PARTICIPATION

PERSON IDENTIFIER (FK)
PERSONNEL-PROGRAM IDENTIFIER (FK)
PERSON-PERSONNEL-PROGRAM-BEGIN CALENDAR DATE (FK)
PERSON-PERSONNEL-PROGRAM-ADMINISTRATION-ROLE CODE (FK)
PERSON-PERSONNEL-PROGRAM-PARTICIPATION CATEGORY CODE
PERSON-PERSONNEL-PROGRAM-PARTICIPATION REFERRAL SOURCE CODE

is qualified by

PERSON-PERSONNEL-PROGRAM-PREFERENCE

PERSON IDENTIFIER (FK)
PERSONNEL-PROGRAM IDENTIFIER (FK)
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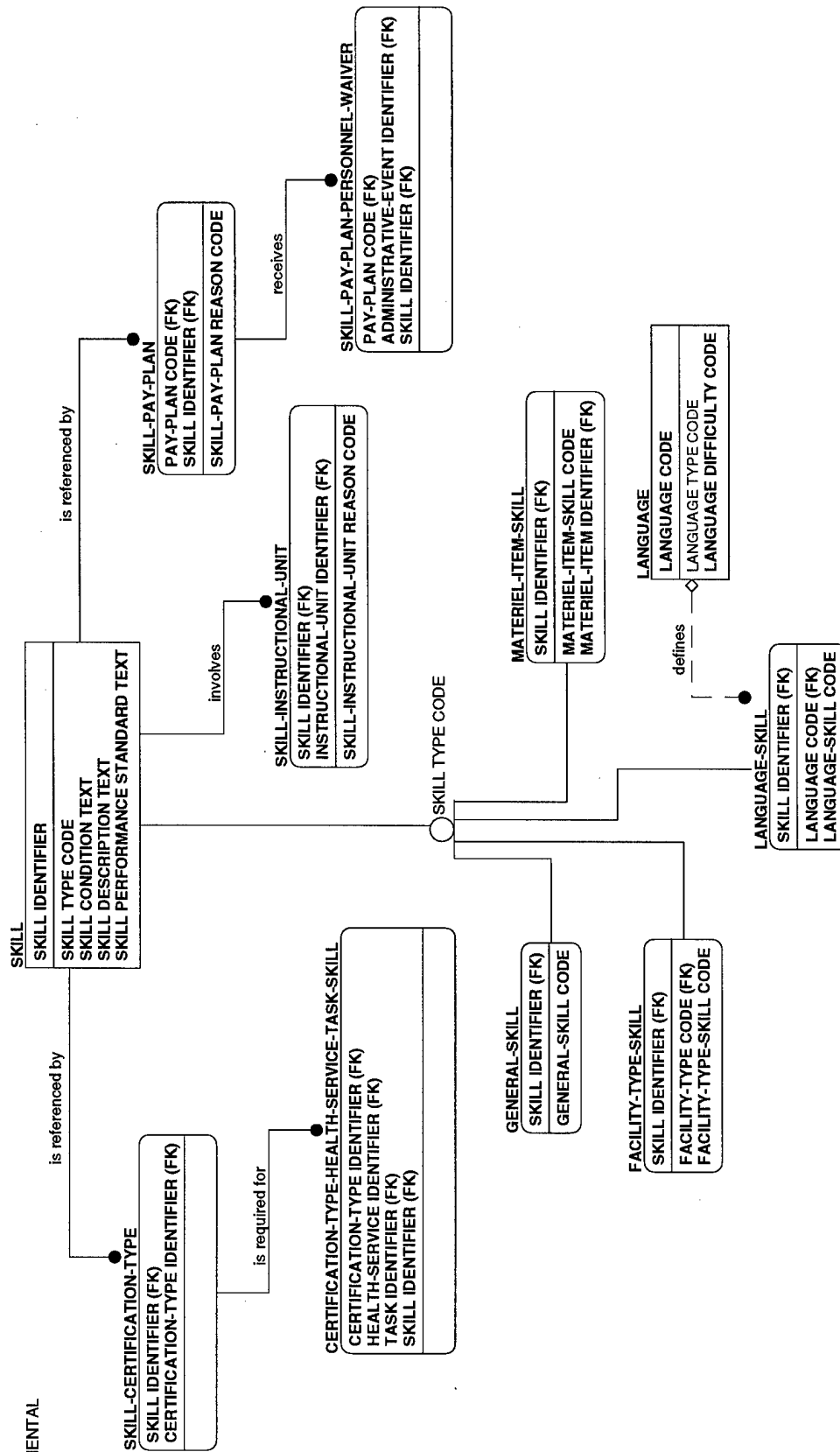
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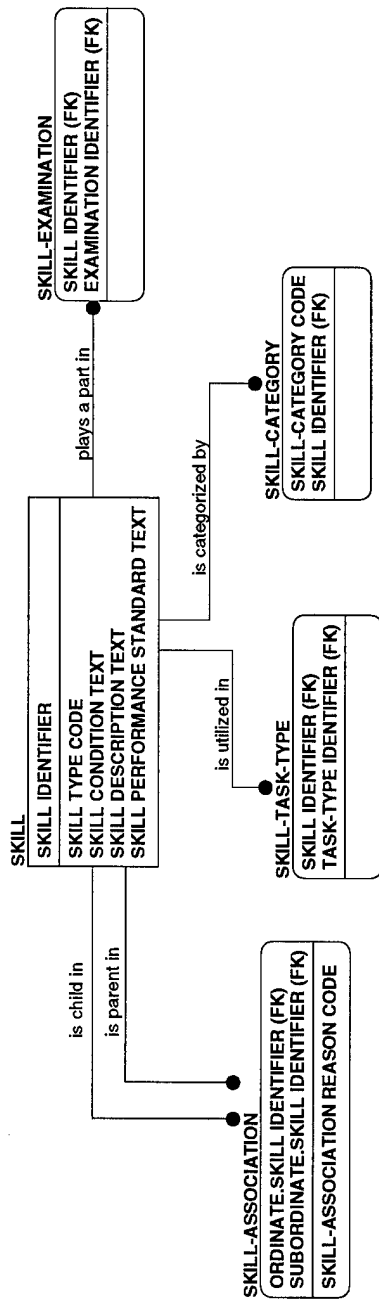
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DOD DATA MODEL
PE-21
30 NOVEMBER 1998

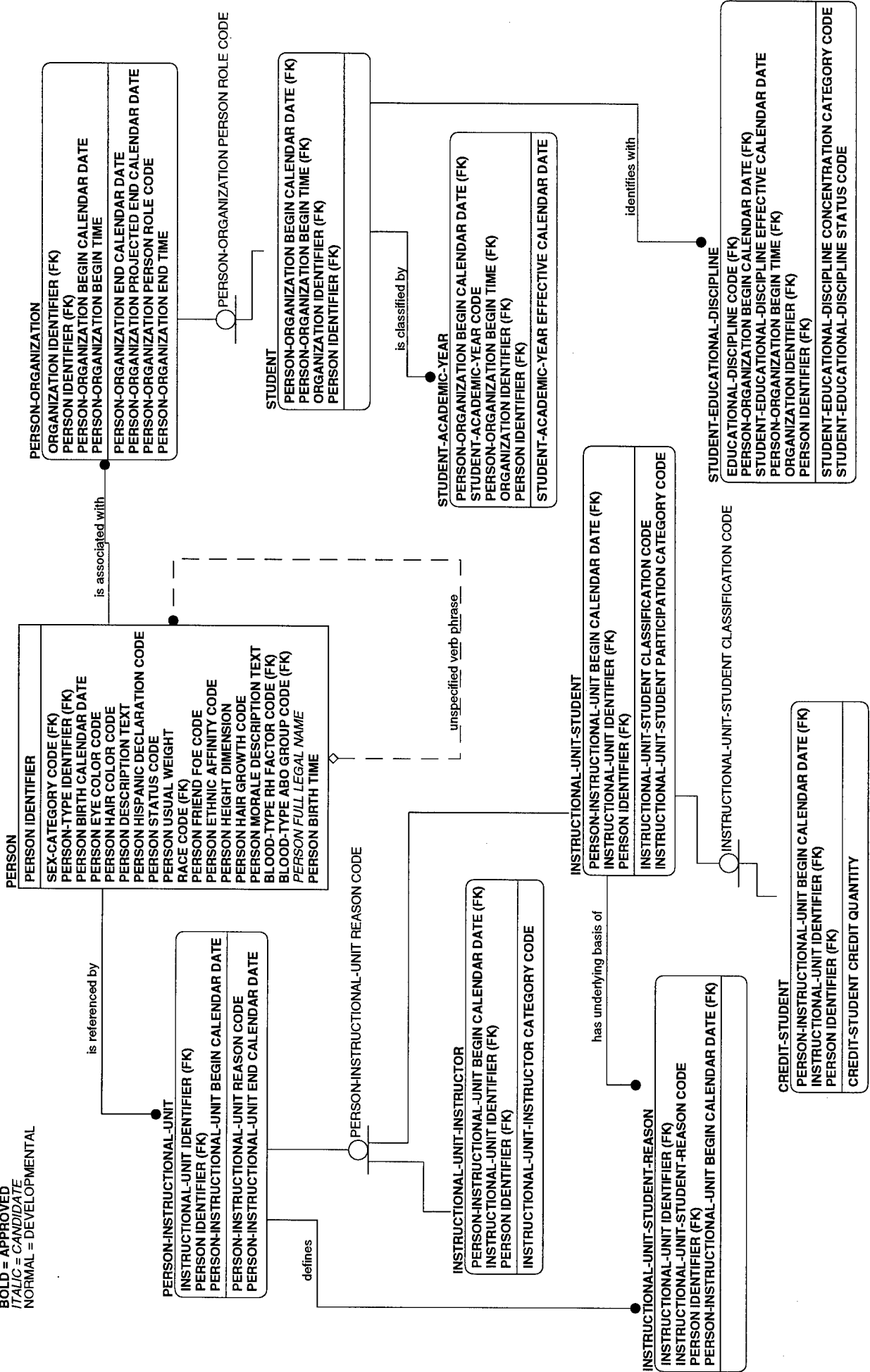
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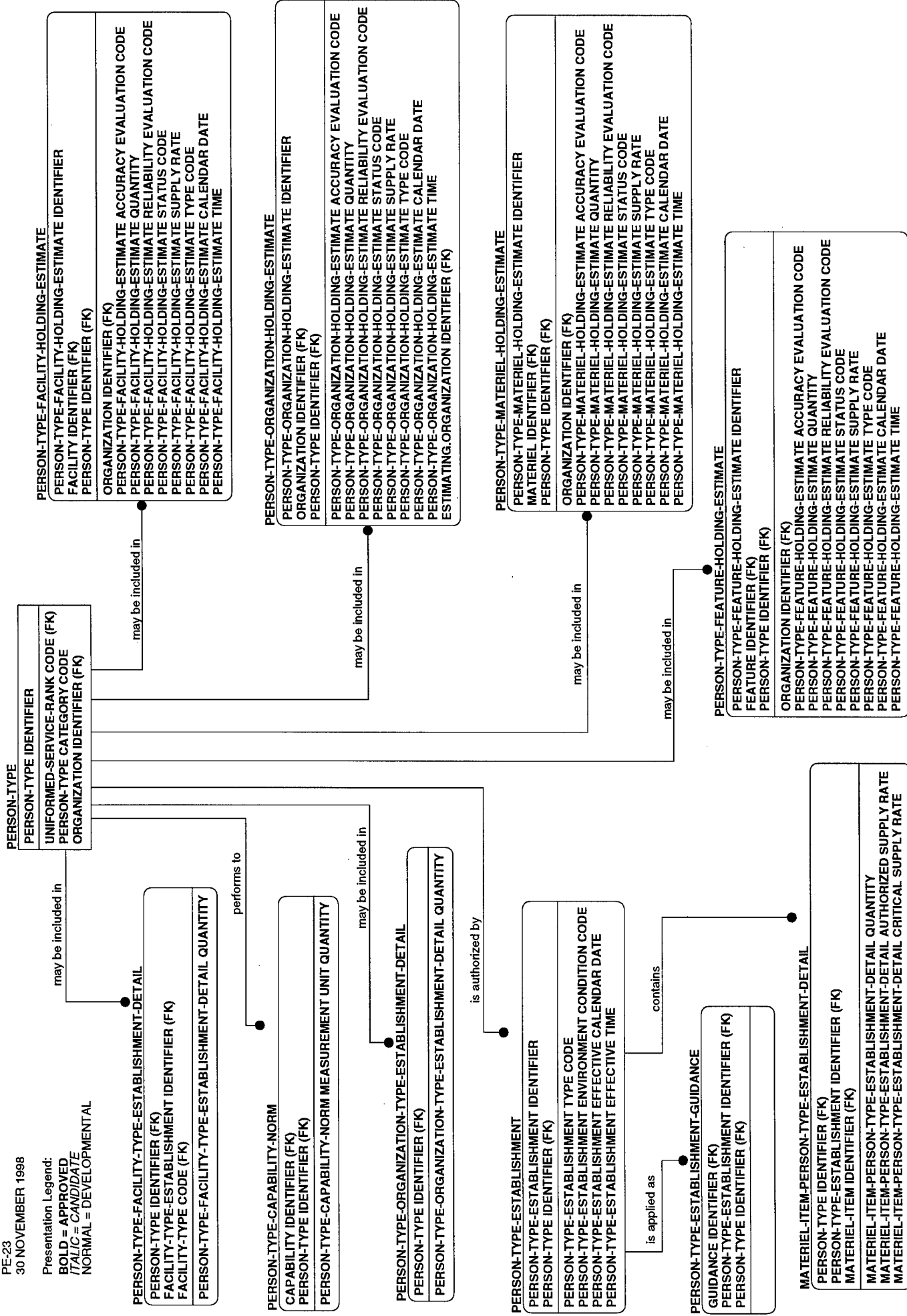
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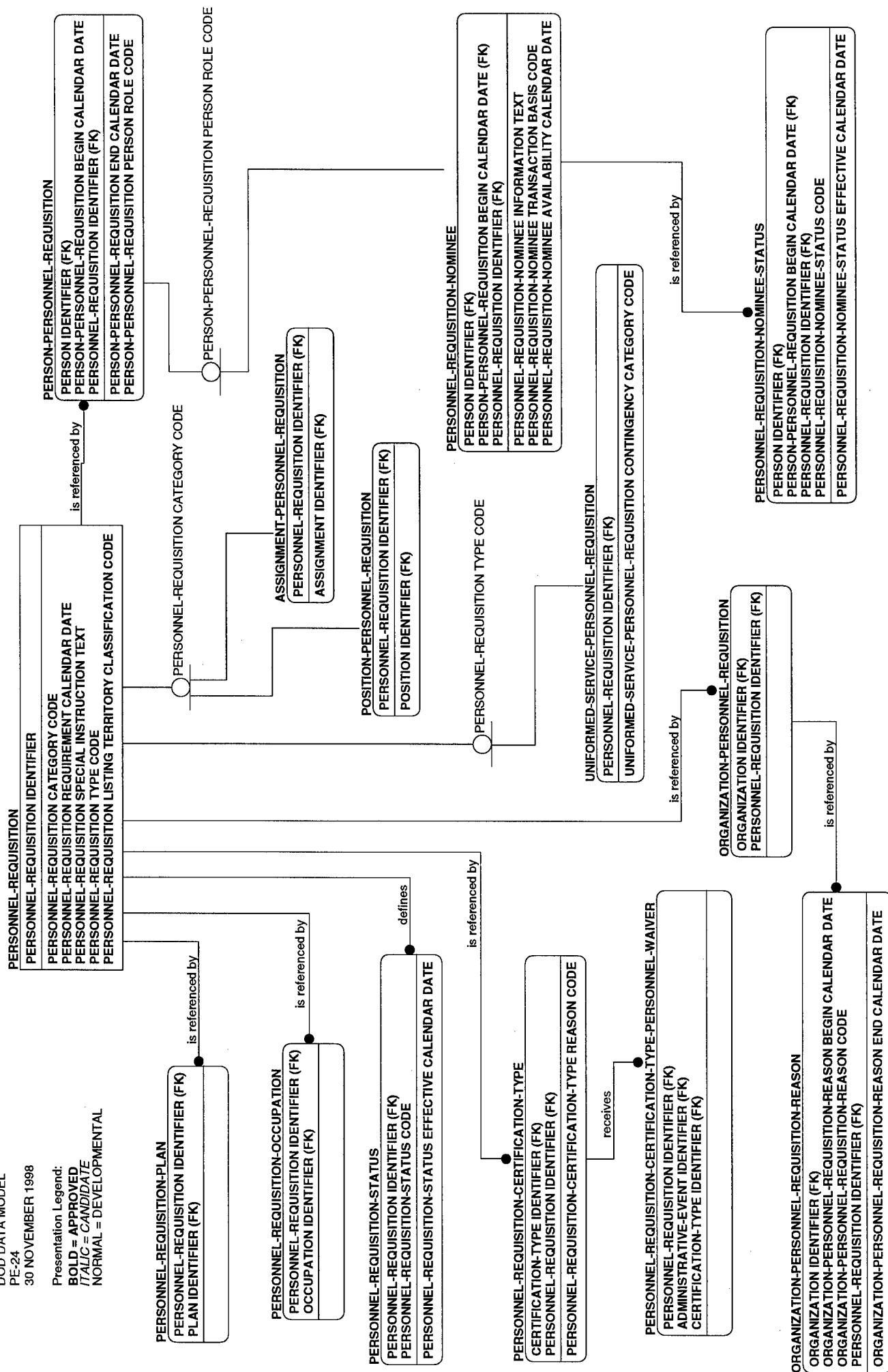
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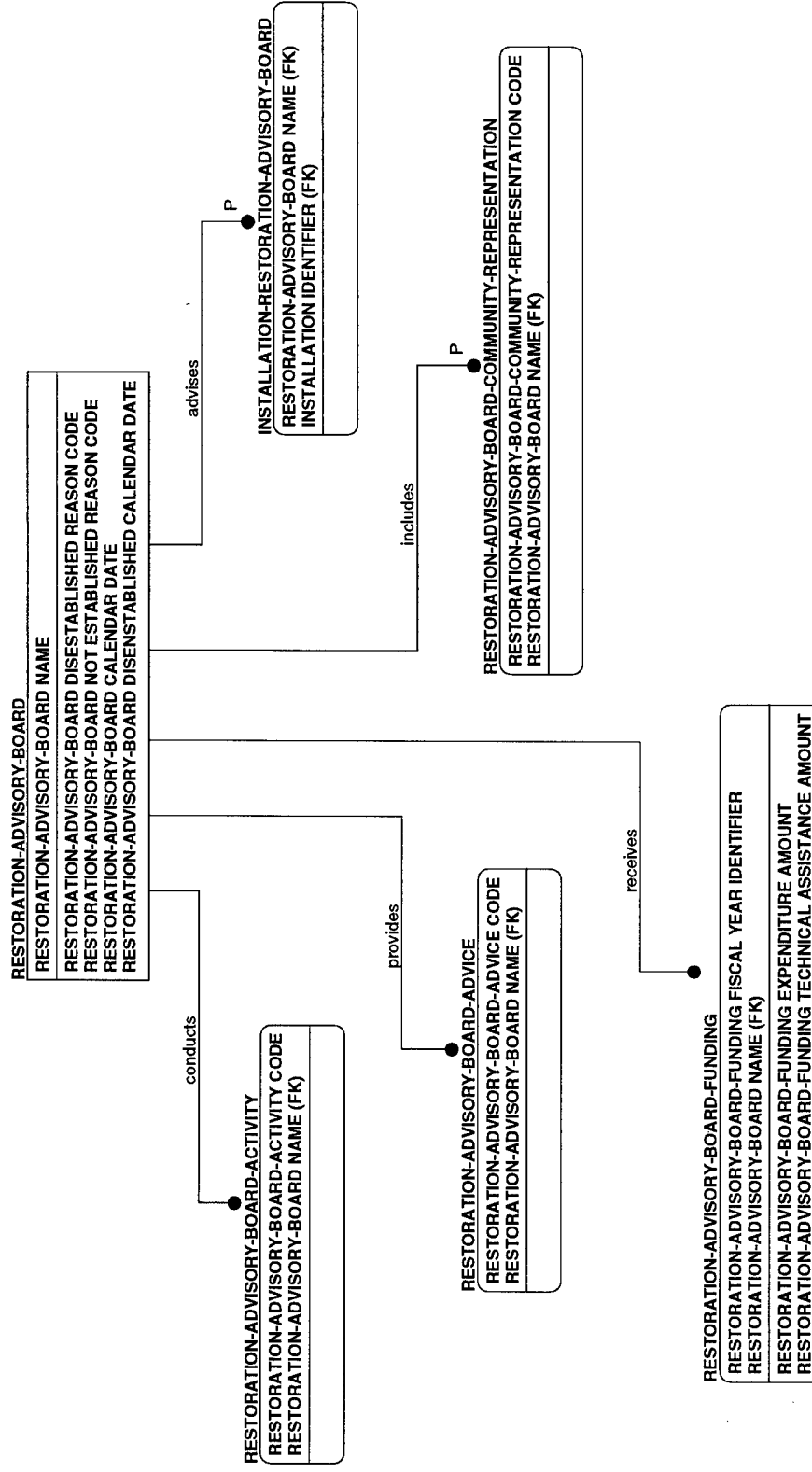
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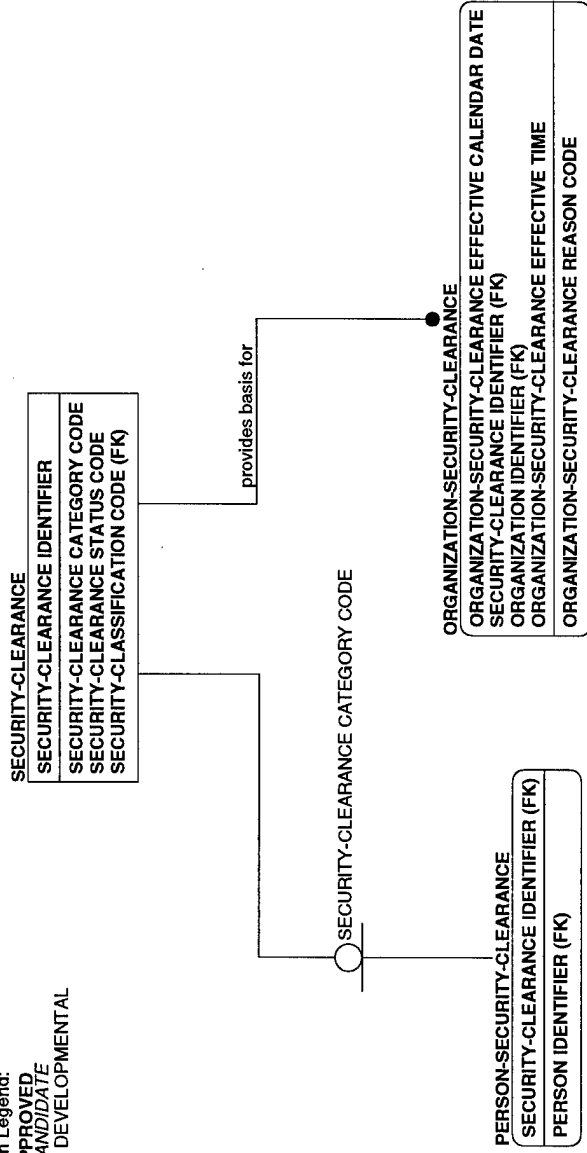
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PE-27
30 NOVEMBER 1998

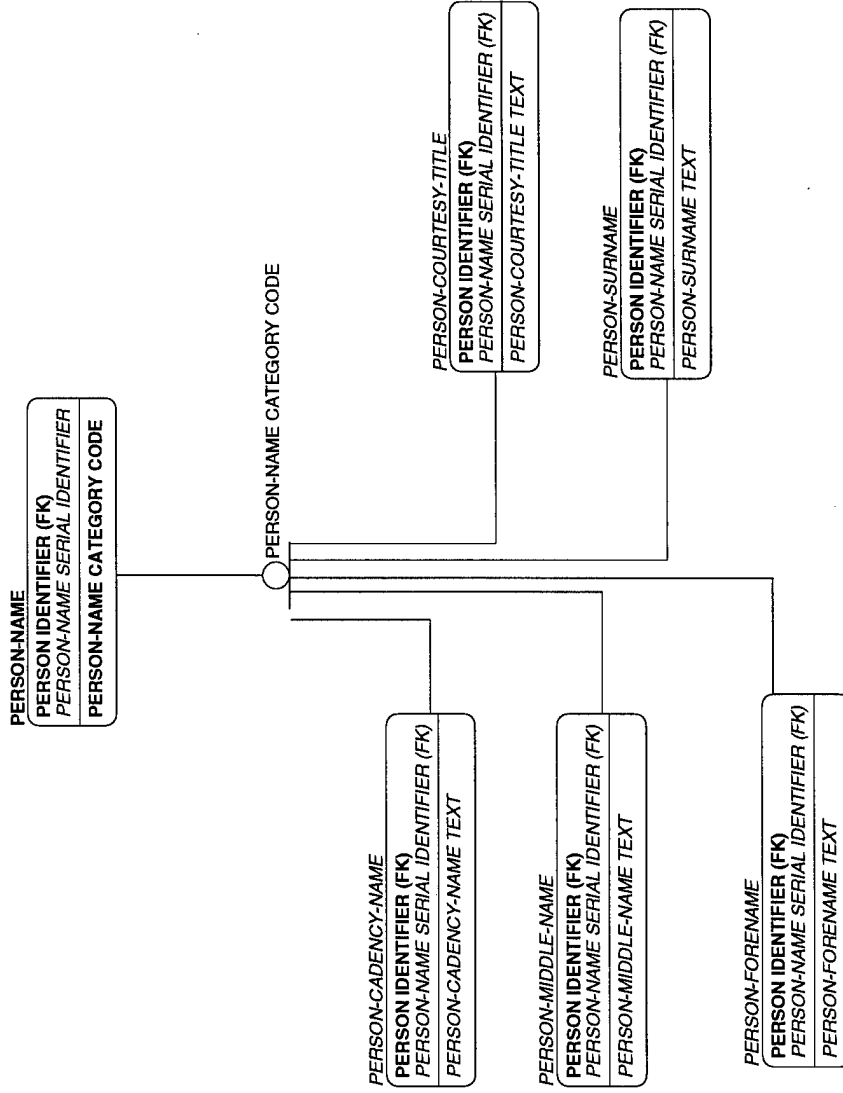
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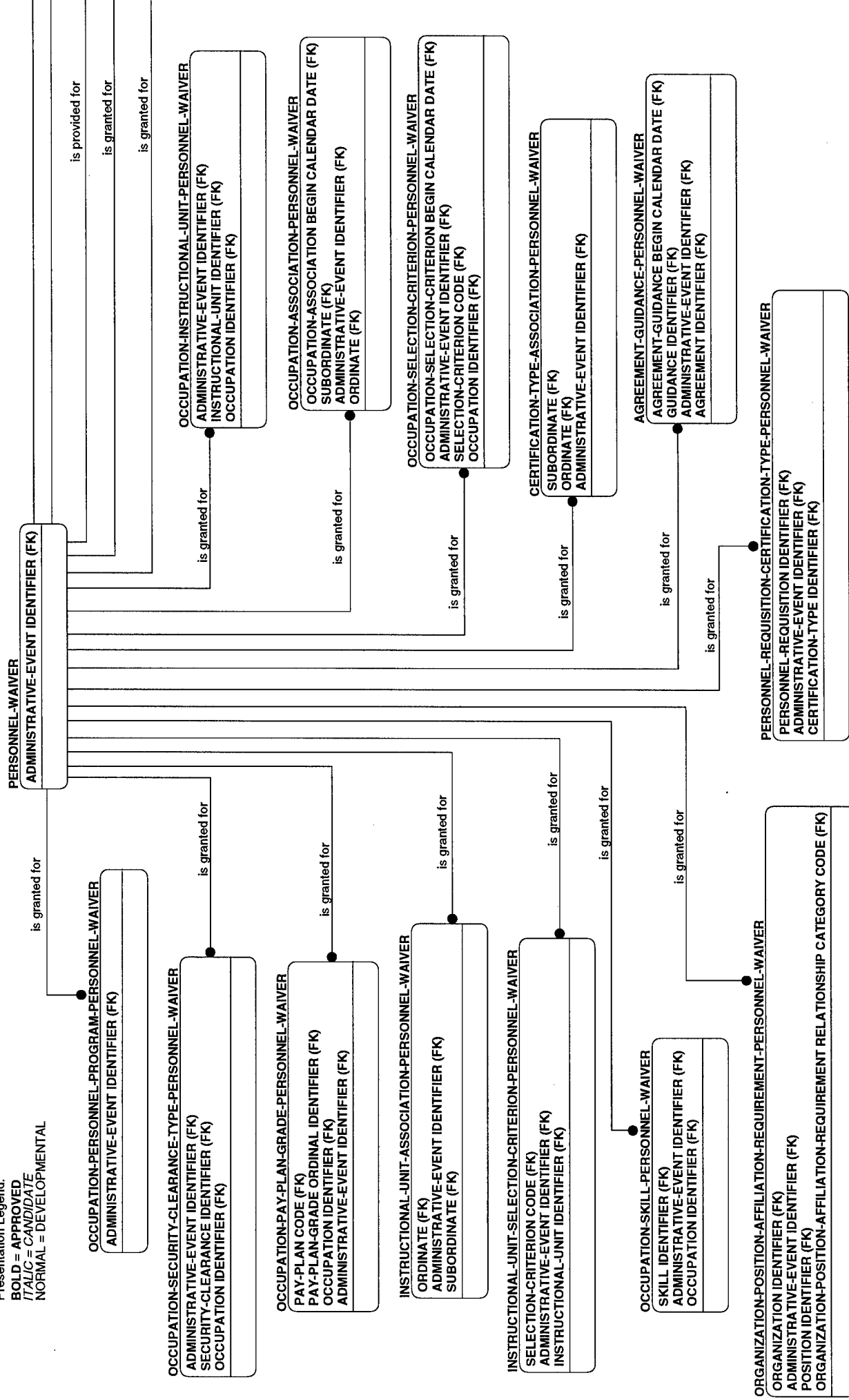
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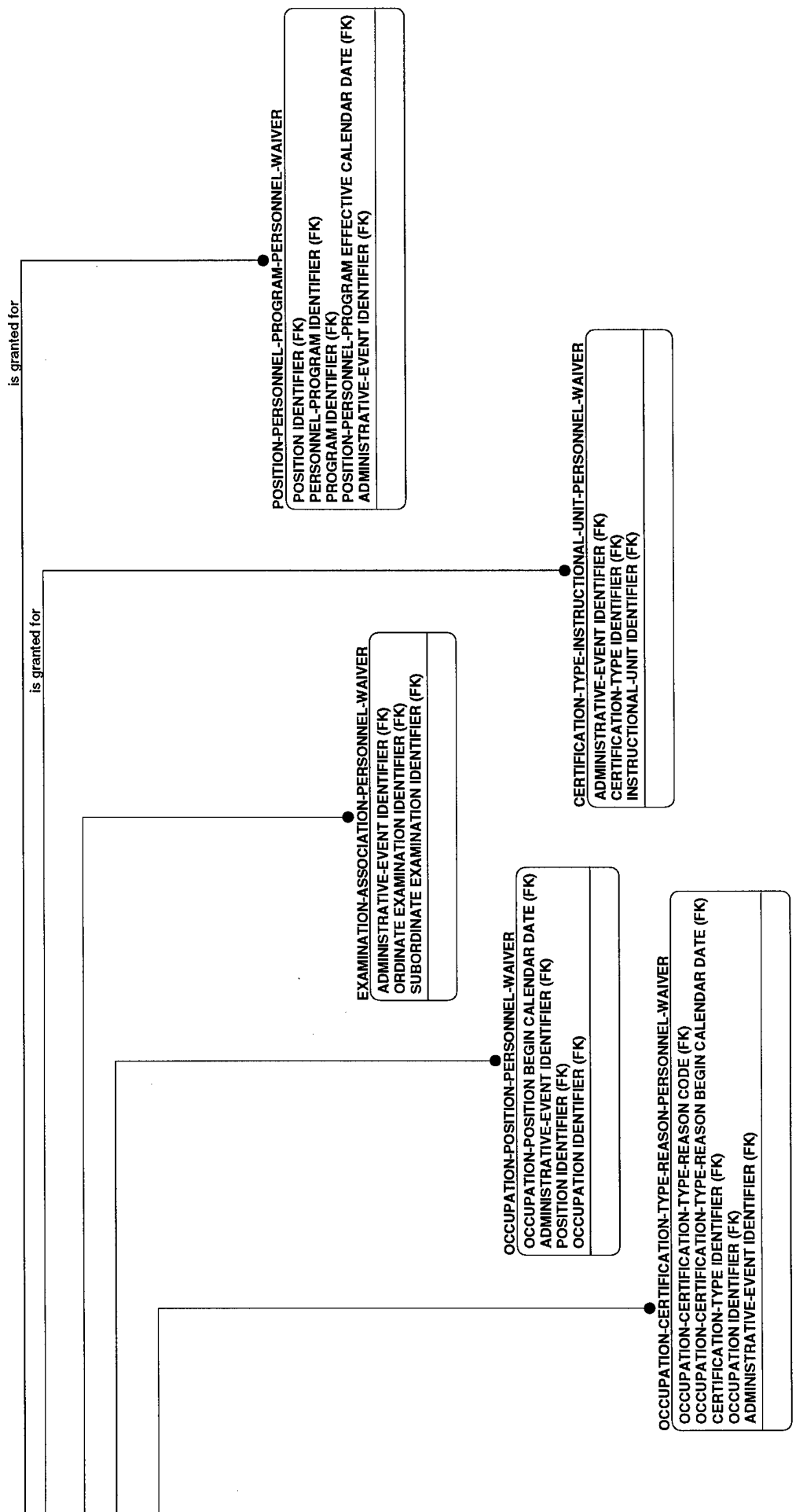


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PE-29
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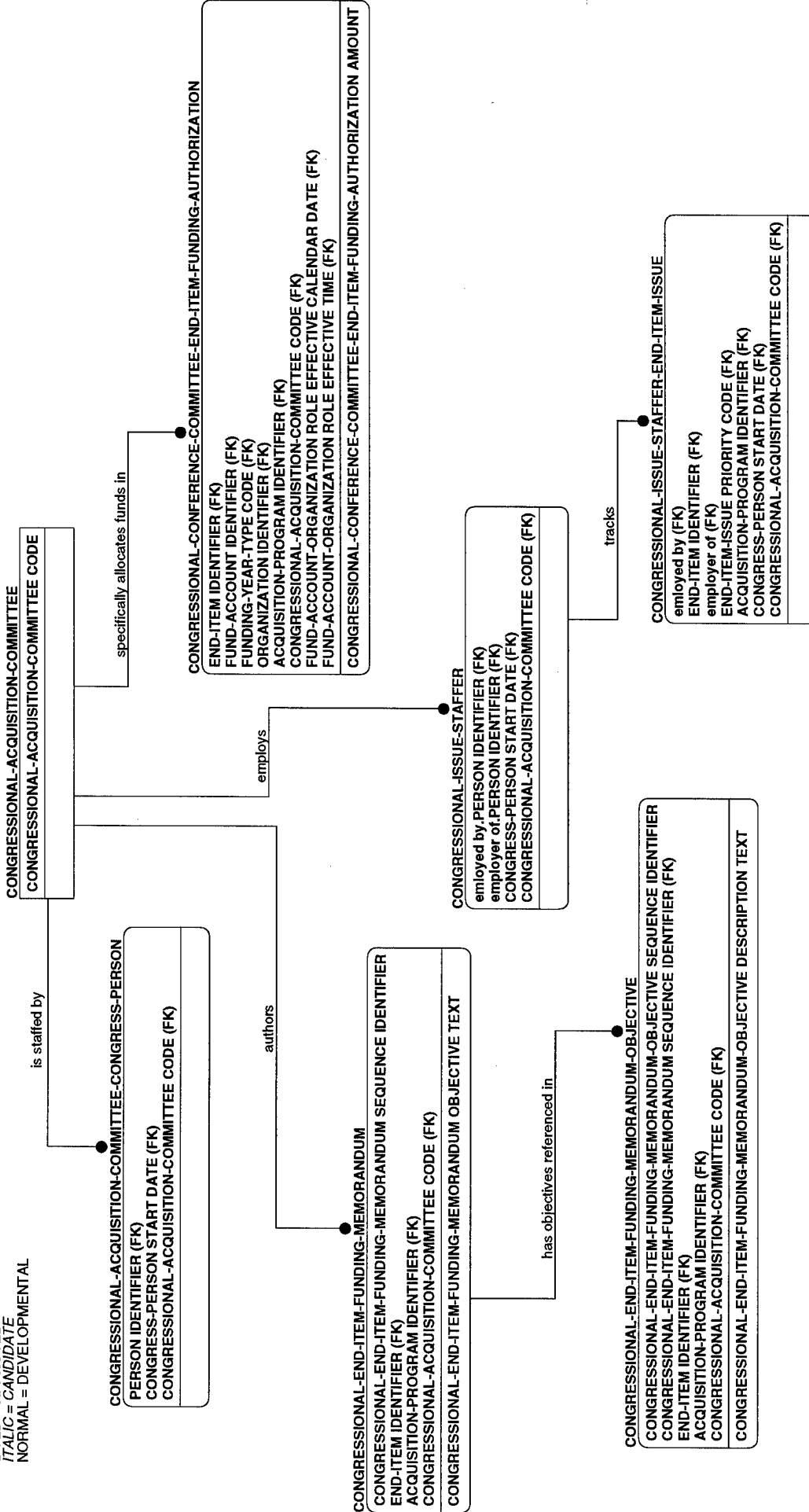
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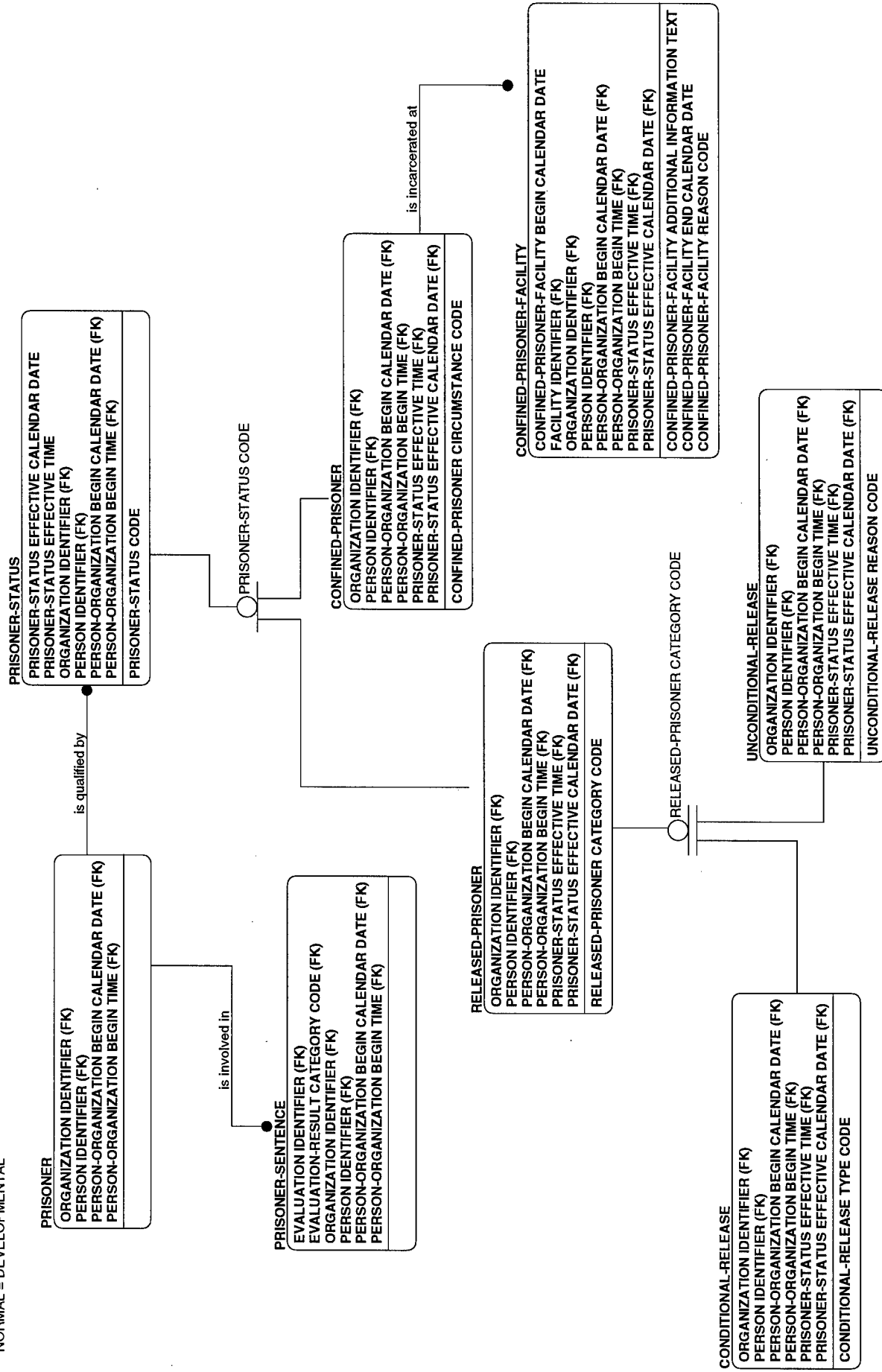
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PE-31

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PE-32

DOD DATA MODEL

PE-32

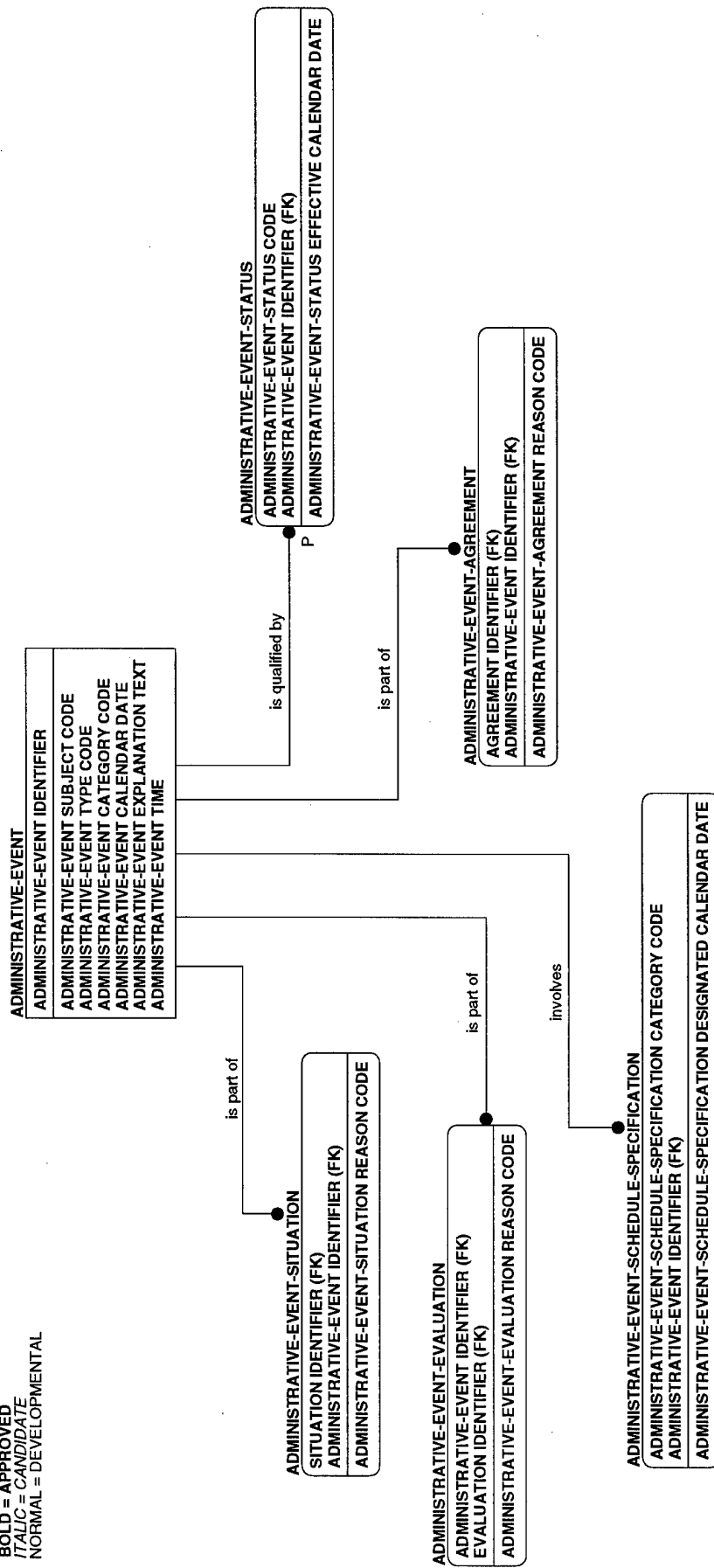
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Section 3.18

Plan

Section 3.18 Plan Subject Area

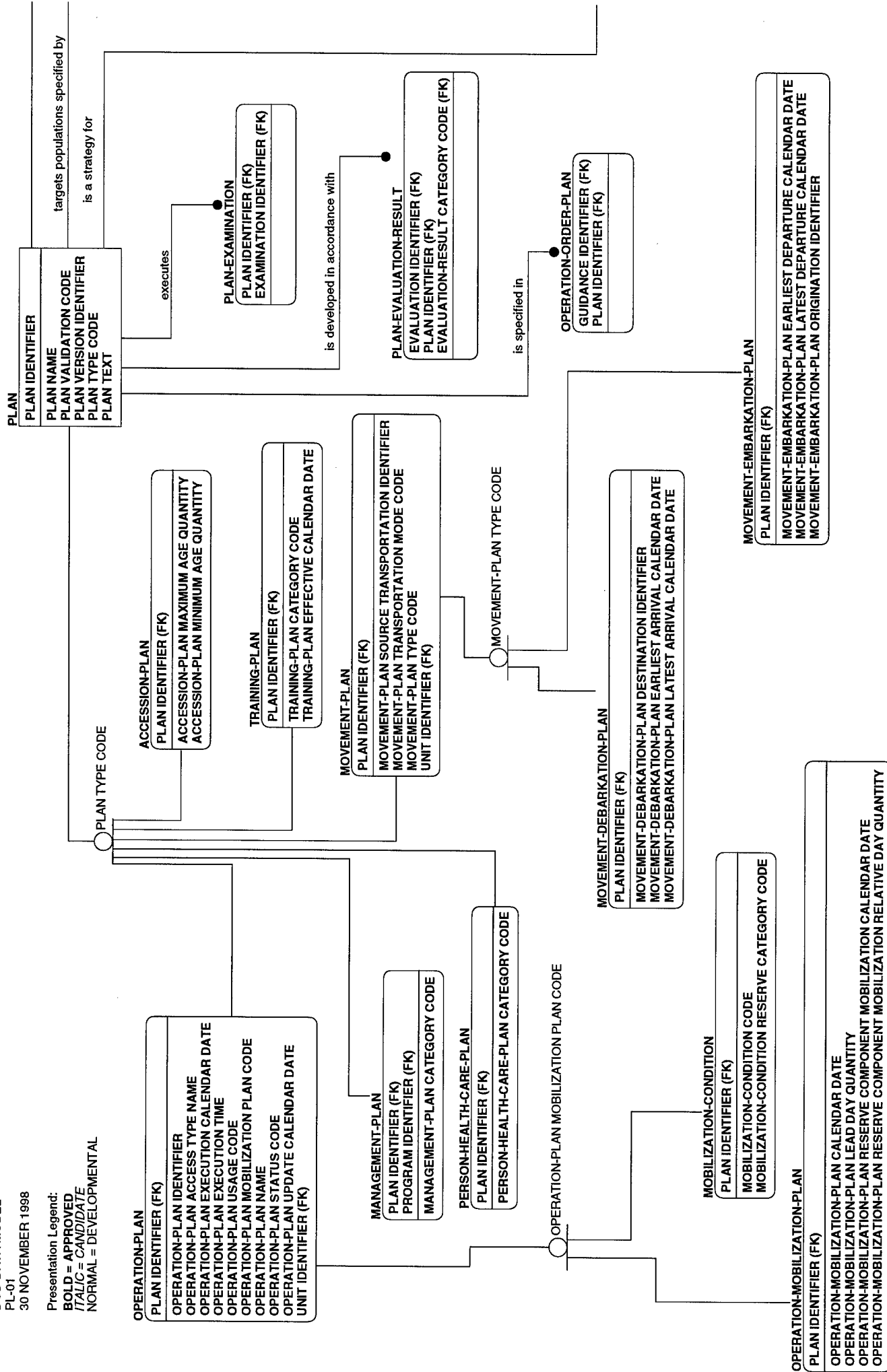
Purpose: The PLAN Subject Area View identifies all the data related to PLANs and strategies (management and military operational) of importance to the DoD mission. The PLAN Subject Area View includes the data related to preparing financial budgets.

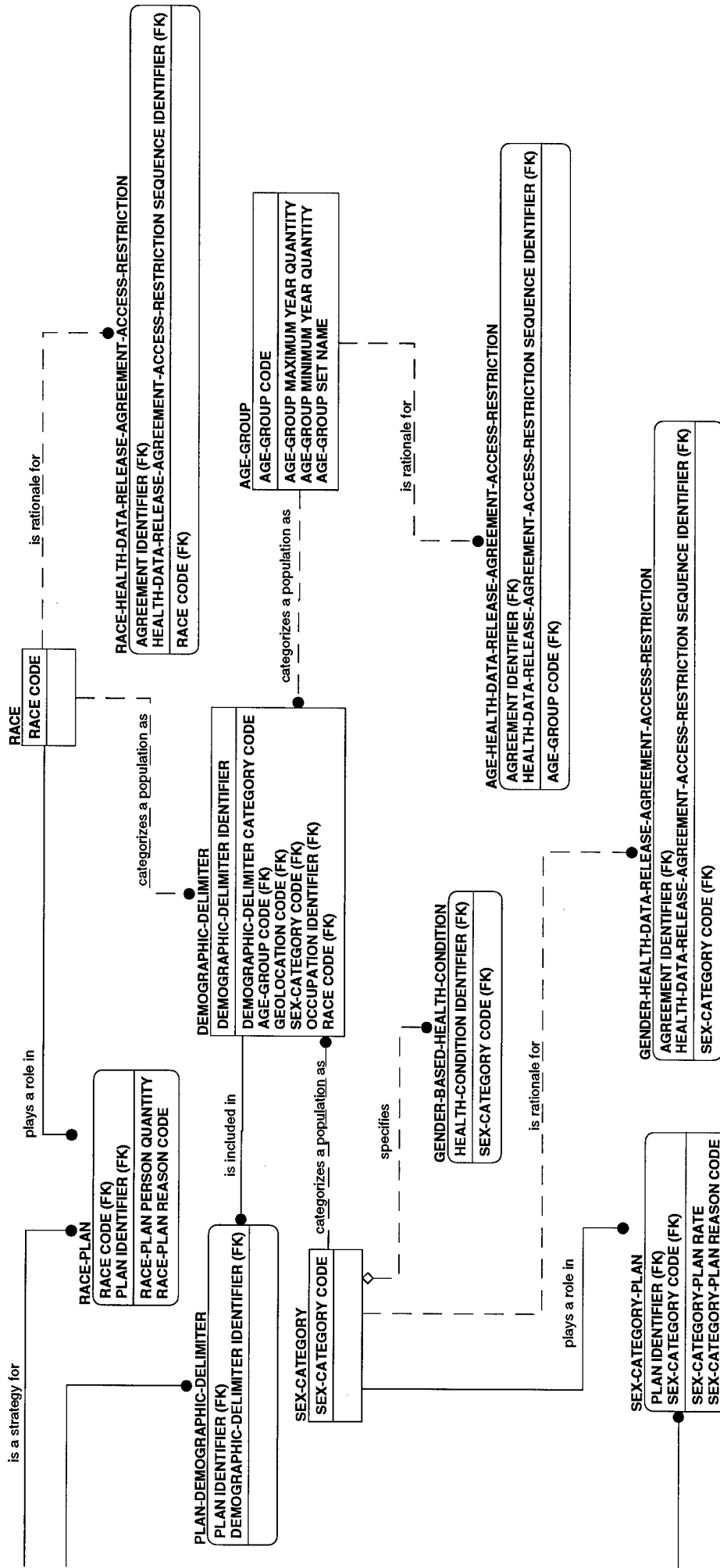
Note: The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

PL-01

DOD DATA MODEL
PL-01
30 NOVEMBER 1998

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PL-02

DOD DATA MODEL

PL-02

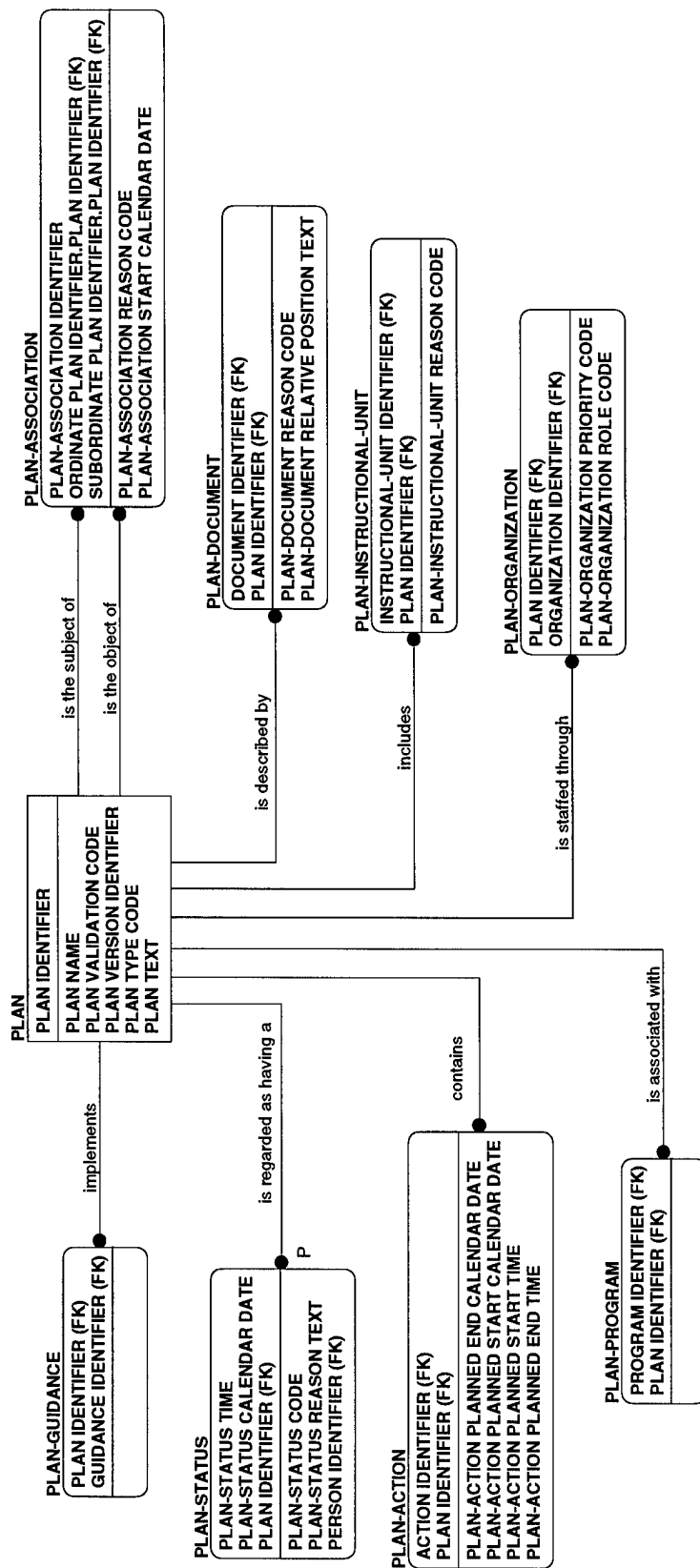
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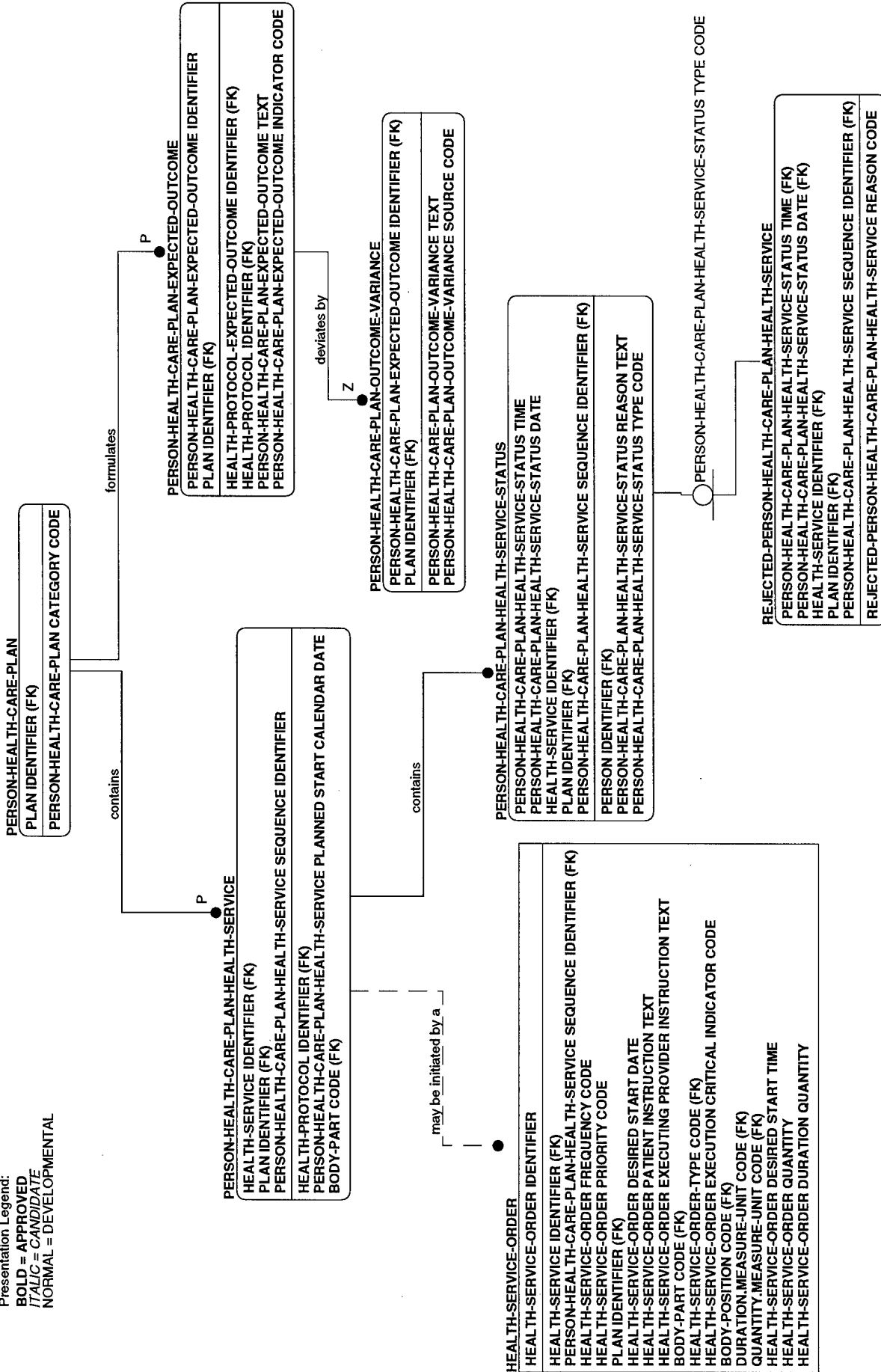
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Section 3.19

Situation

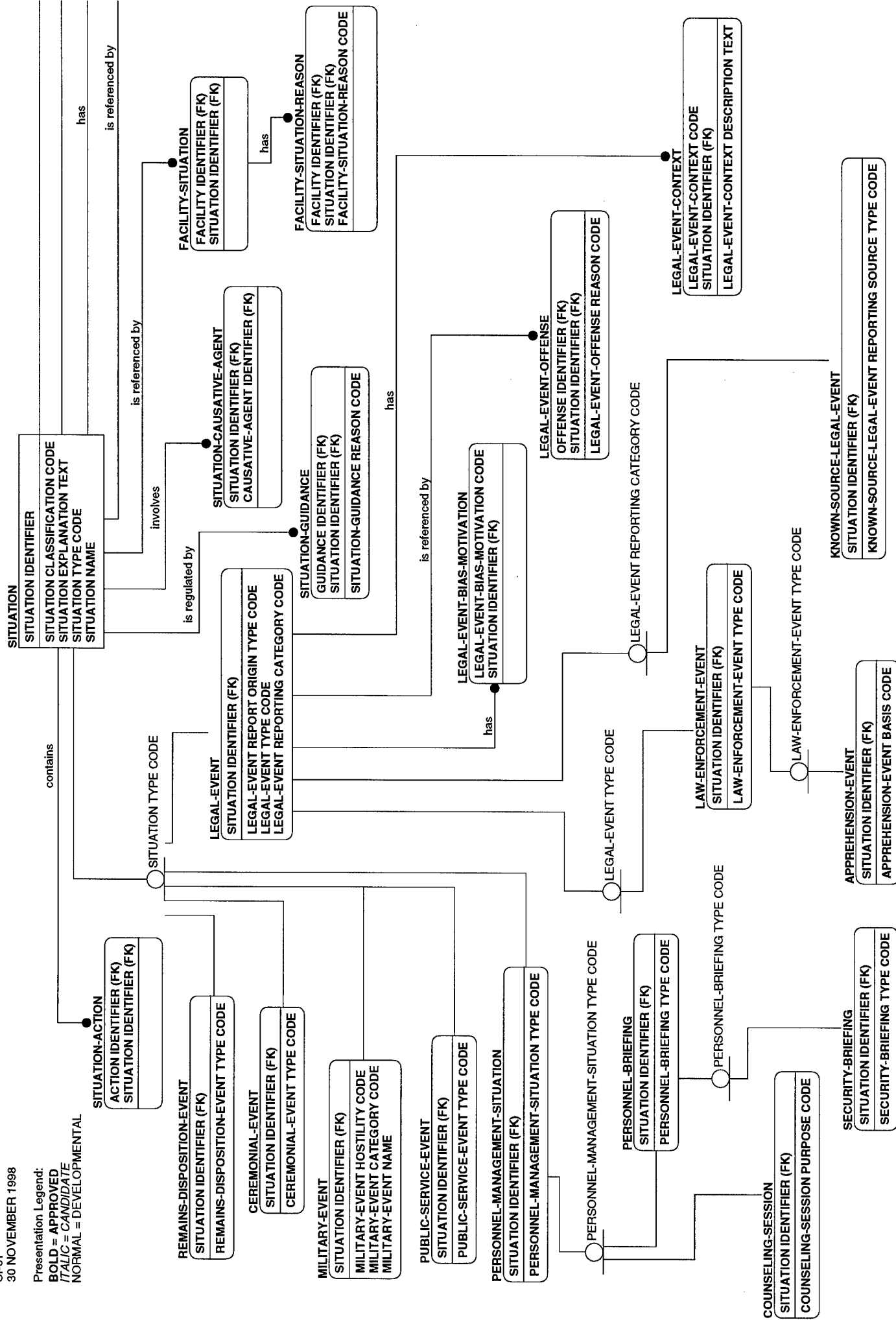
Section 3.19 Situation Subject Area

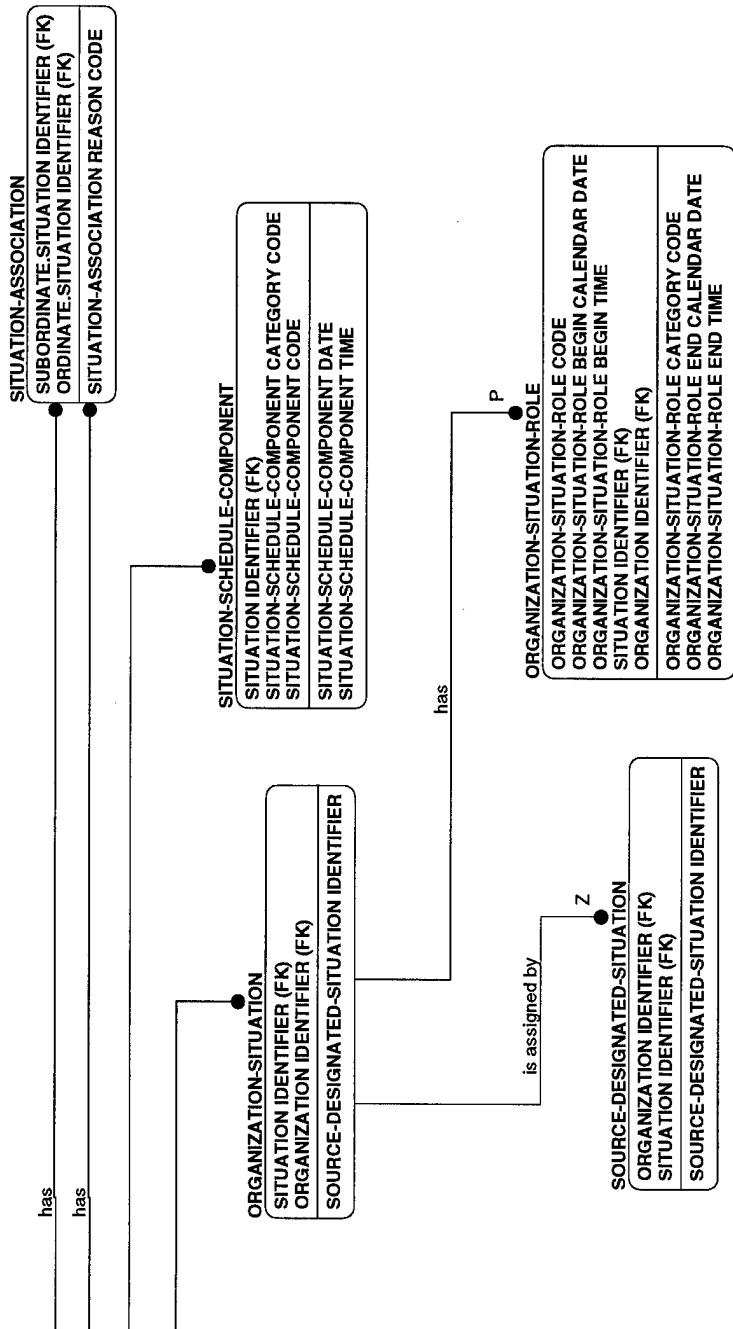
Purpose: The SITUATION Subject Area View includes the data necessary to maintain visibility of world, economic, military and political events and situations important to the DoD mission. The SITUATIONs could instigate a planned and measured response providing for the common defense. This includes intelligence gathering.

Note: The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

SI-01

Presentation Legend:
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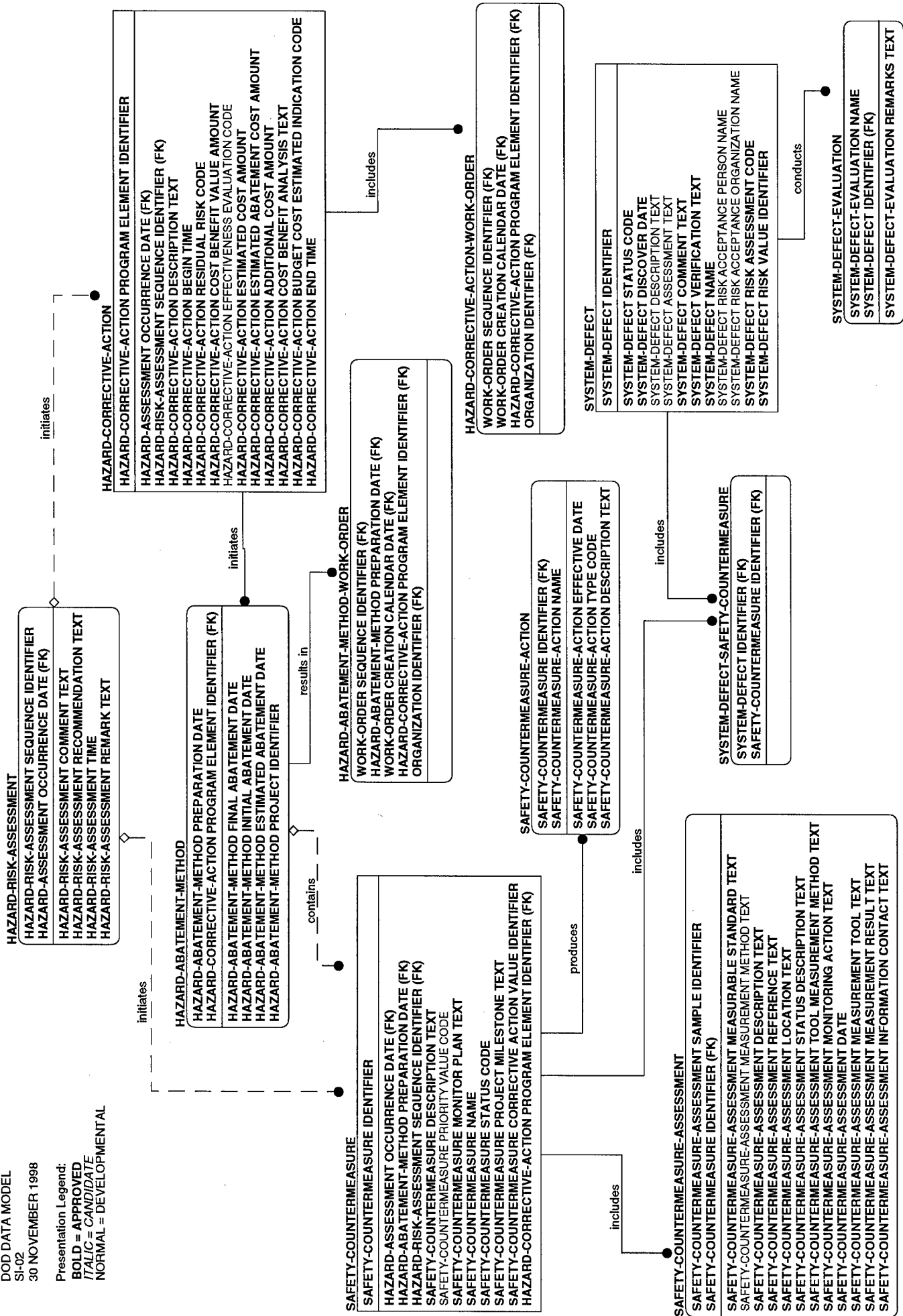




SI-02

DOD DATA MODEL
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30 NOVEMBER 1998

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SI-03

SI-03

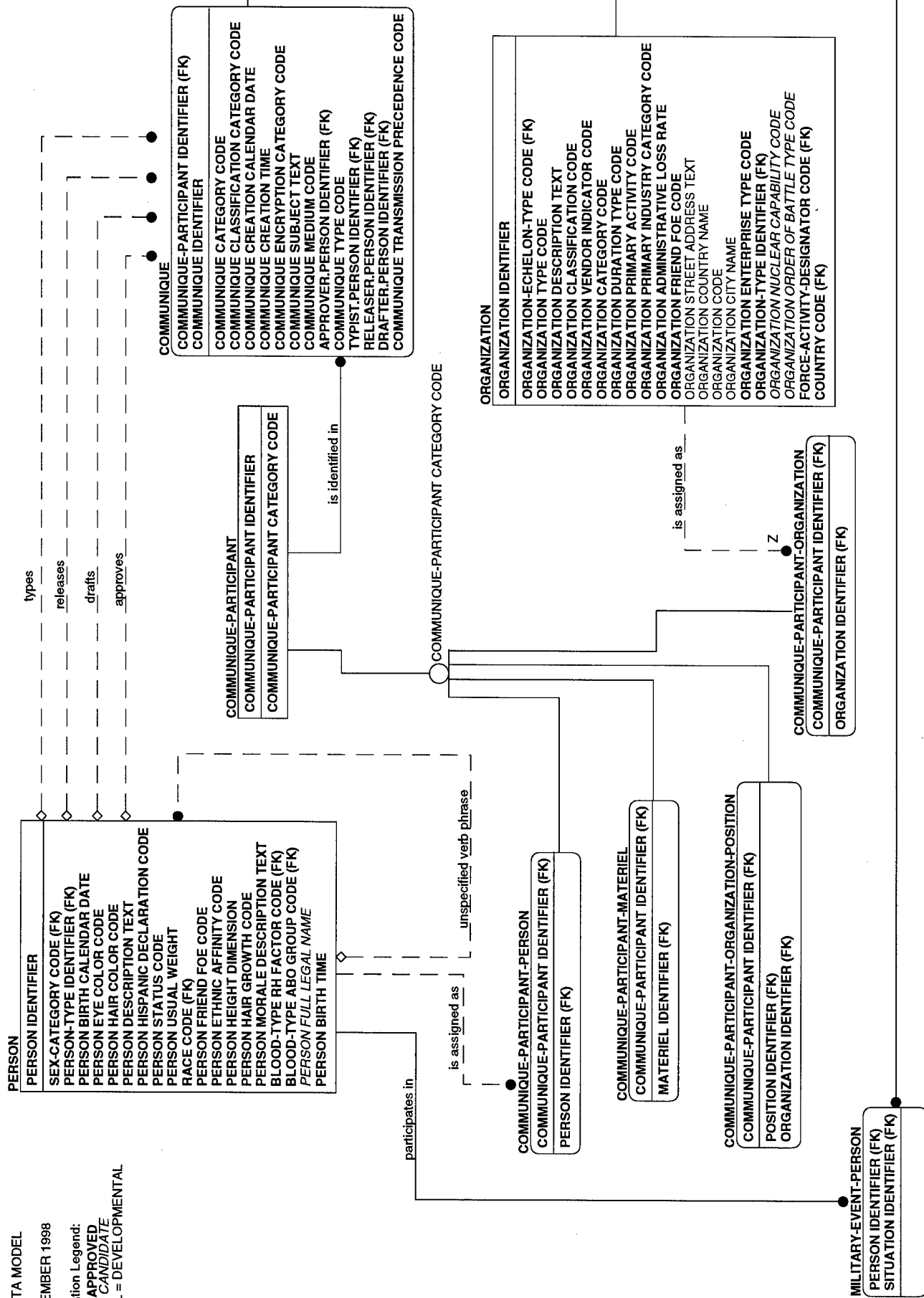
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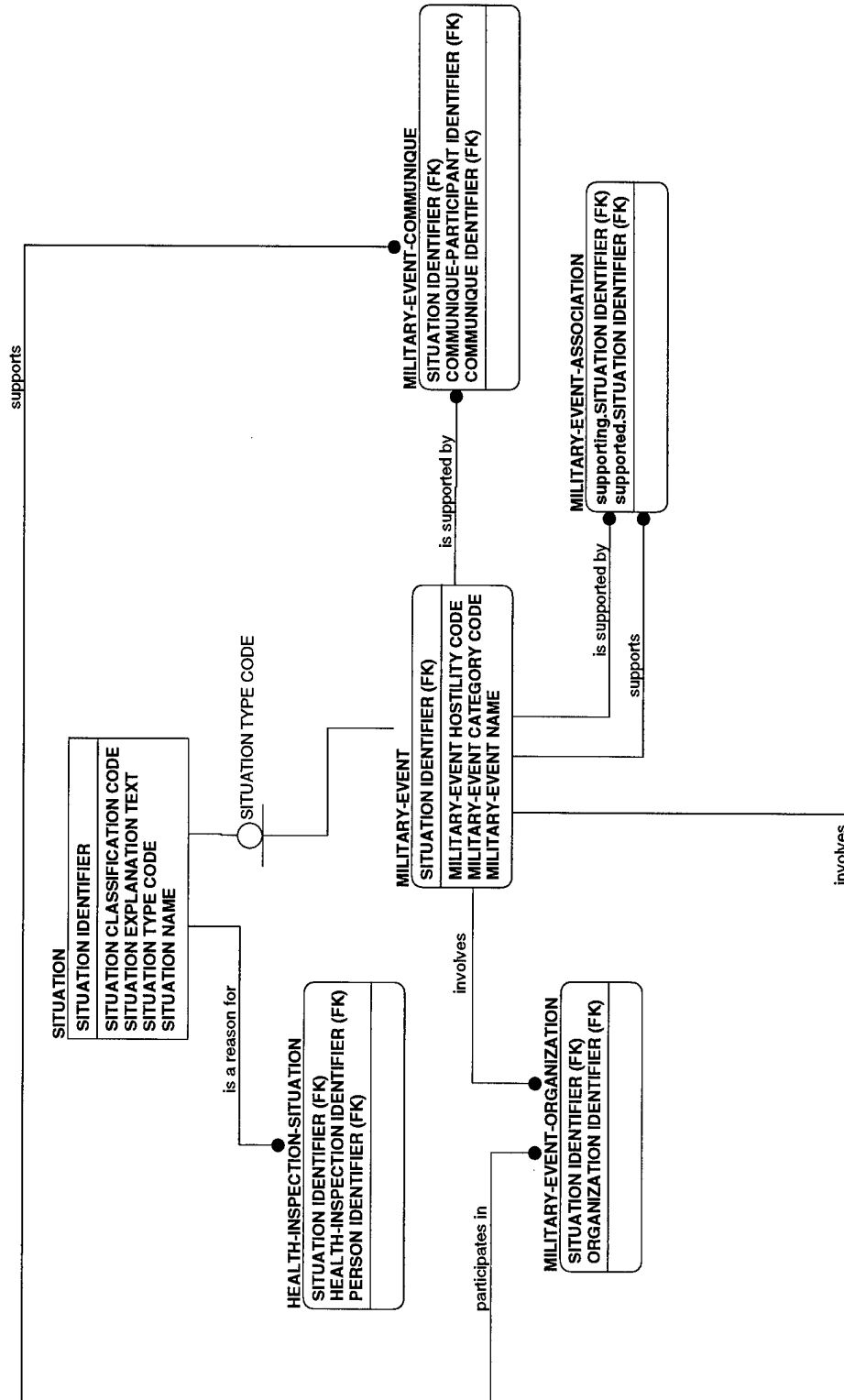
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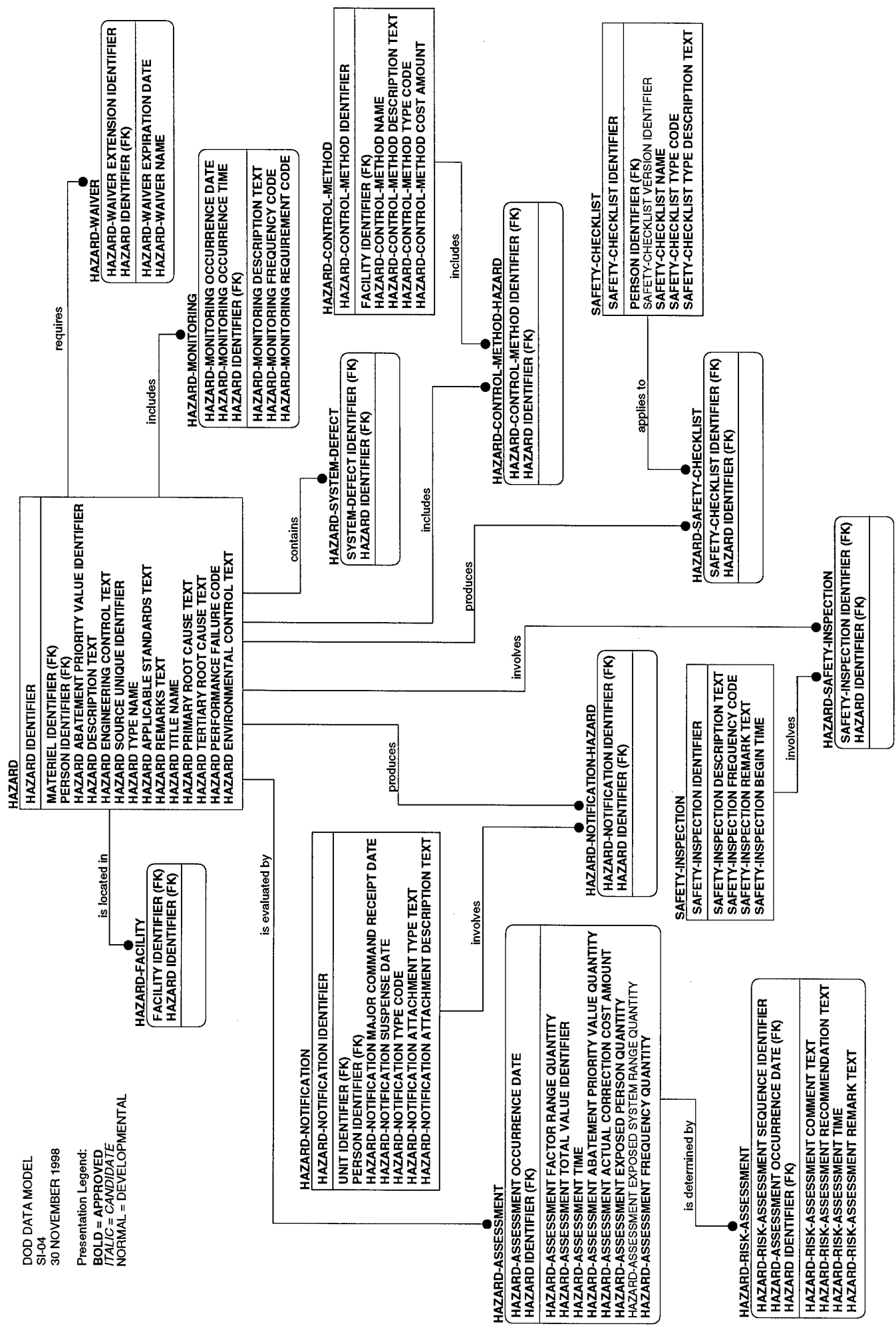
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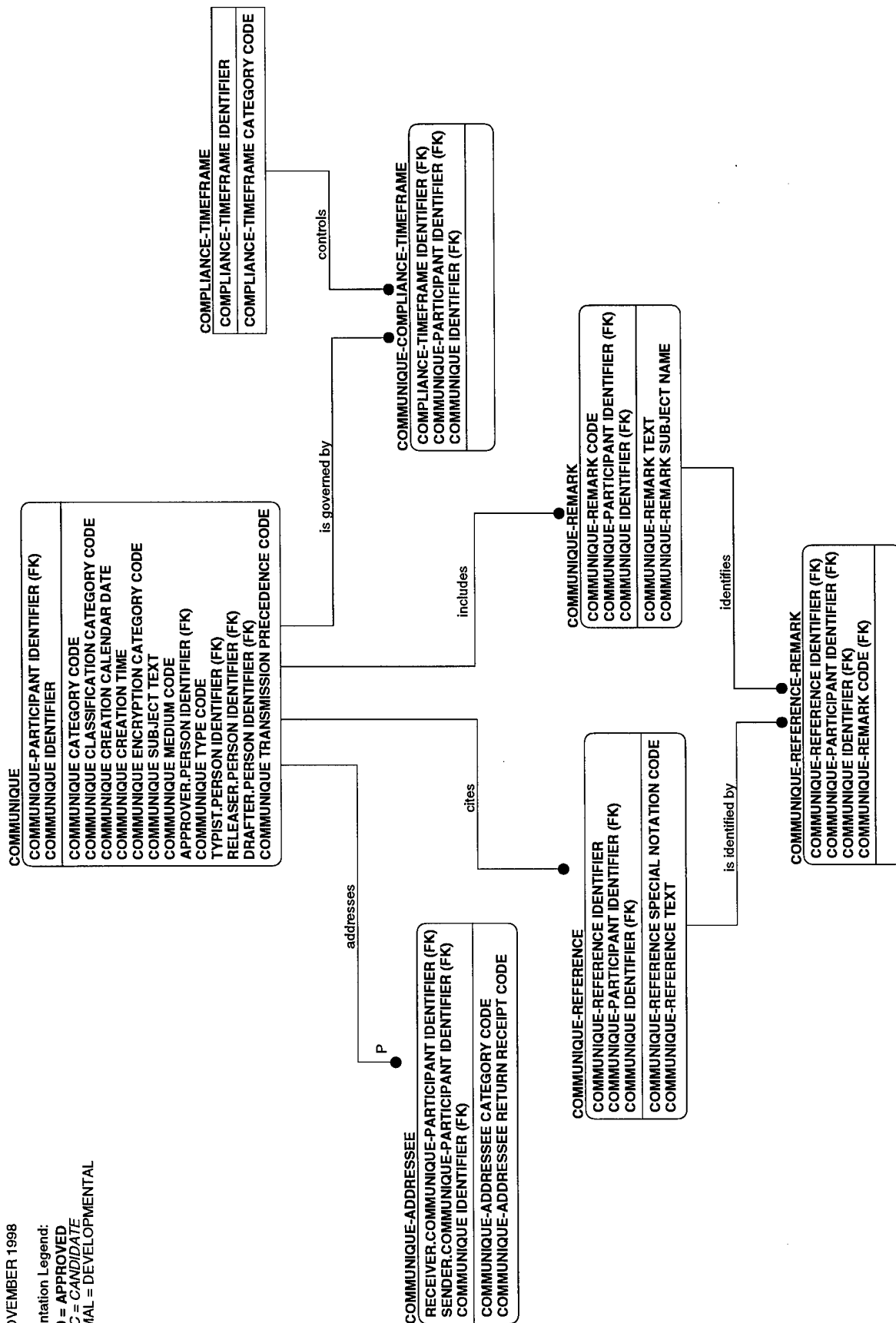


SI-04



SI-05

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Section 3.20

Transportation

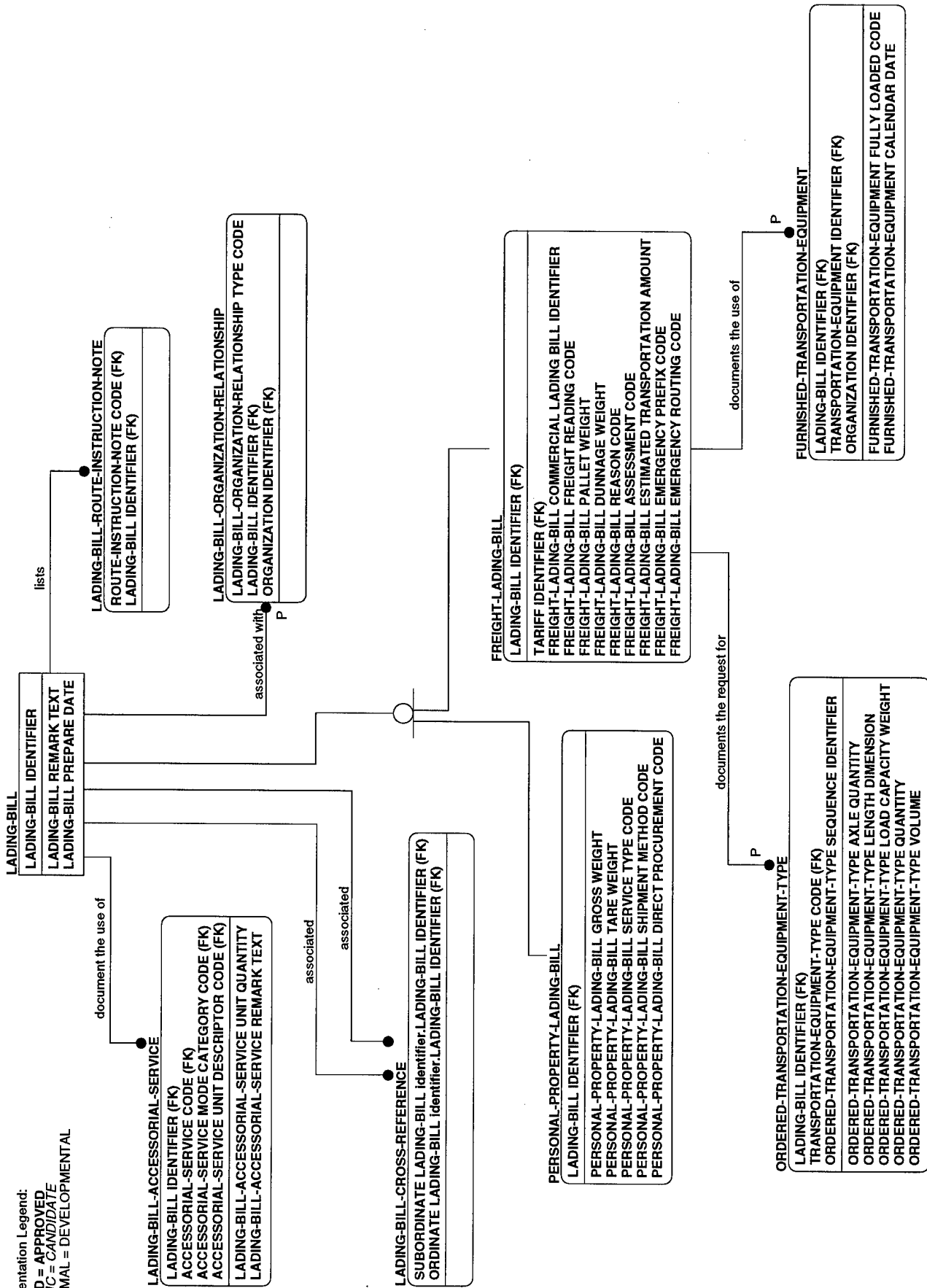
Section 3.20 Transportation Subject Area

Purpose: The TRANSPORTATION Subject Area View includes the data necessary for managing the movement of personnel, equipment, and supplies for DoD missions.

Note: The following subsections contain the View data maps which comprise this Subject Area. Every data requirement within this Subject Area will be represented in at least one of the Views. The View data maps are in numeric order.

TR-01

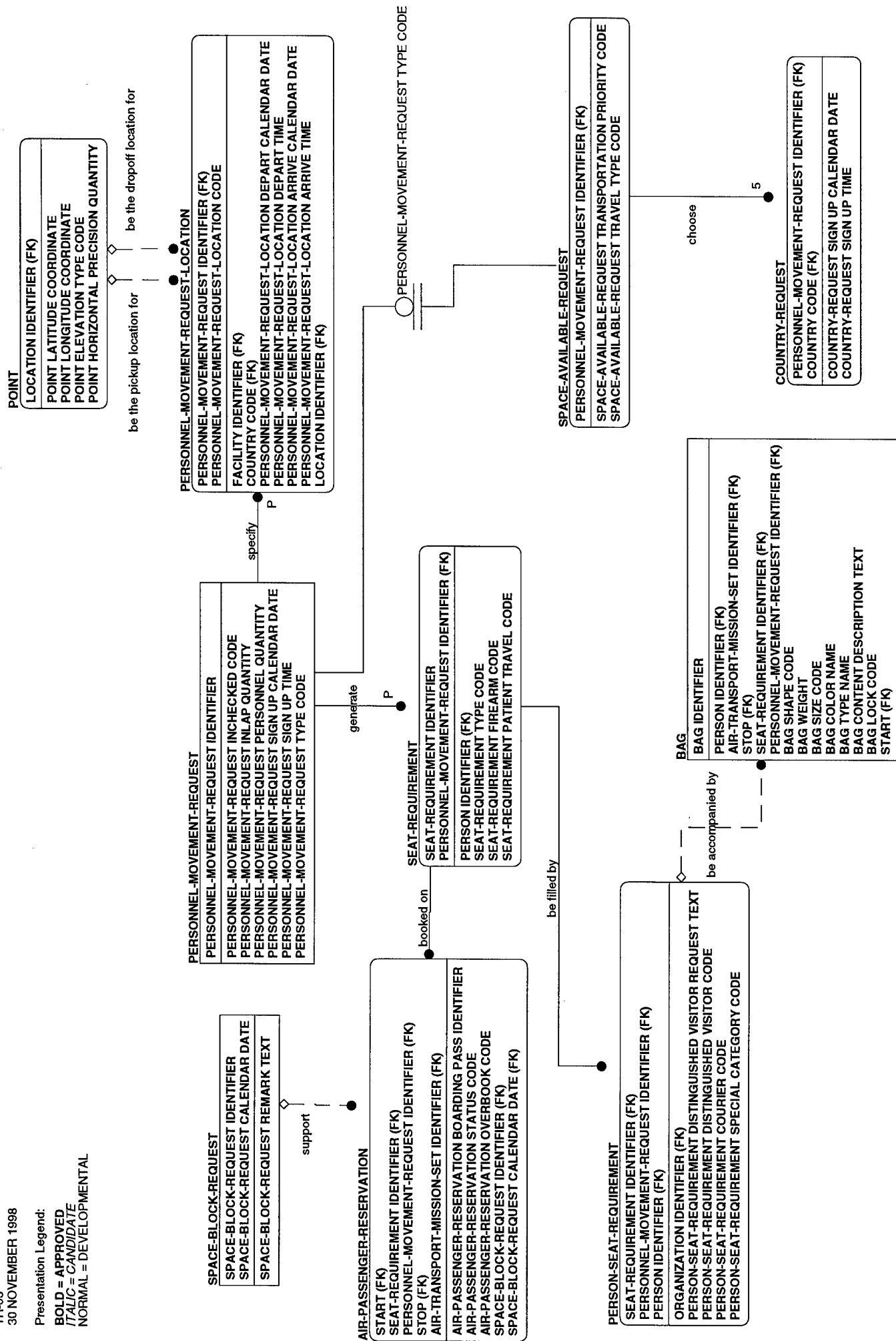
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TR-02



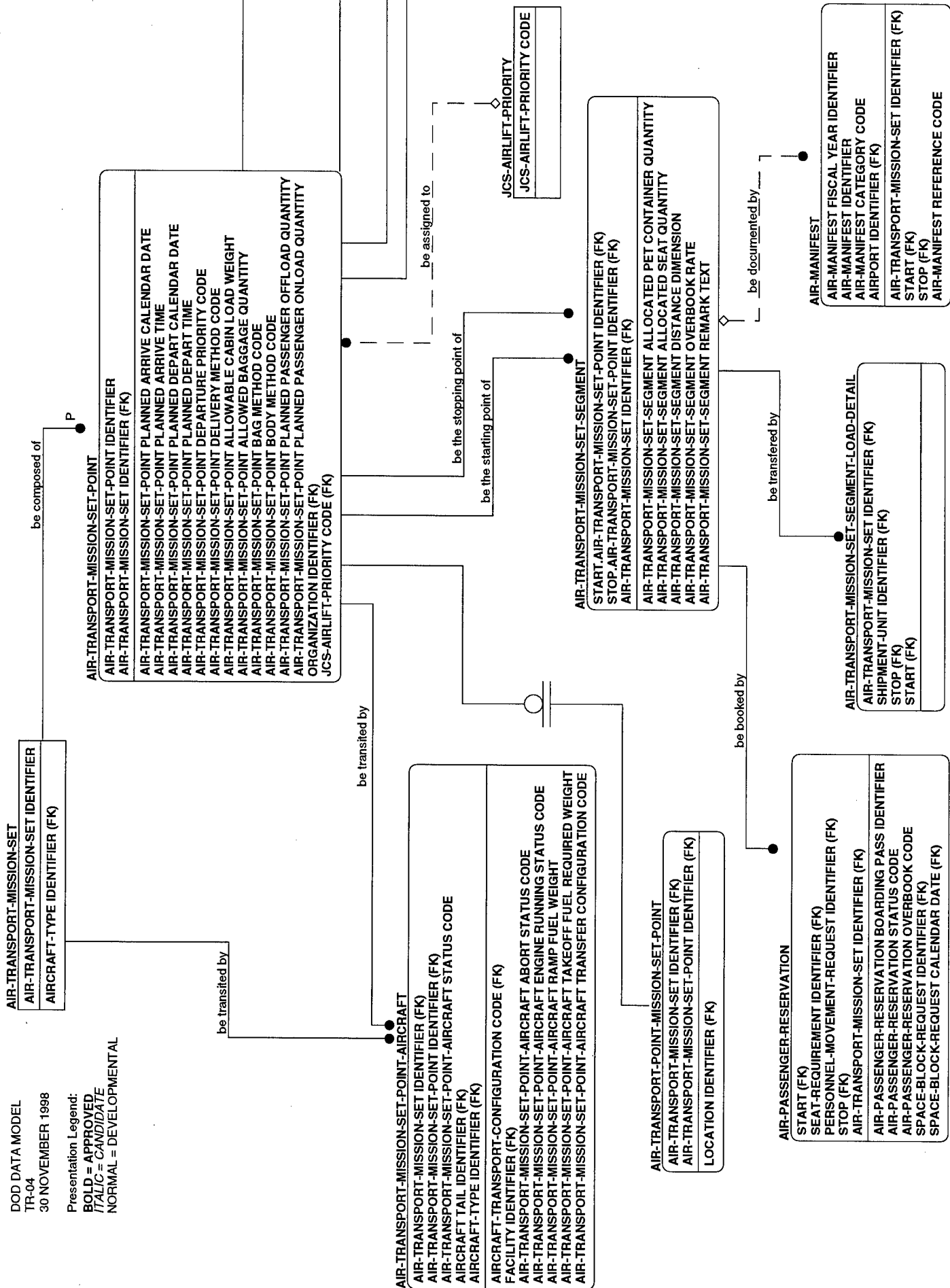
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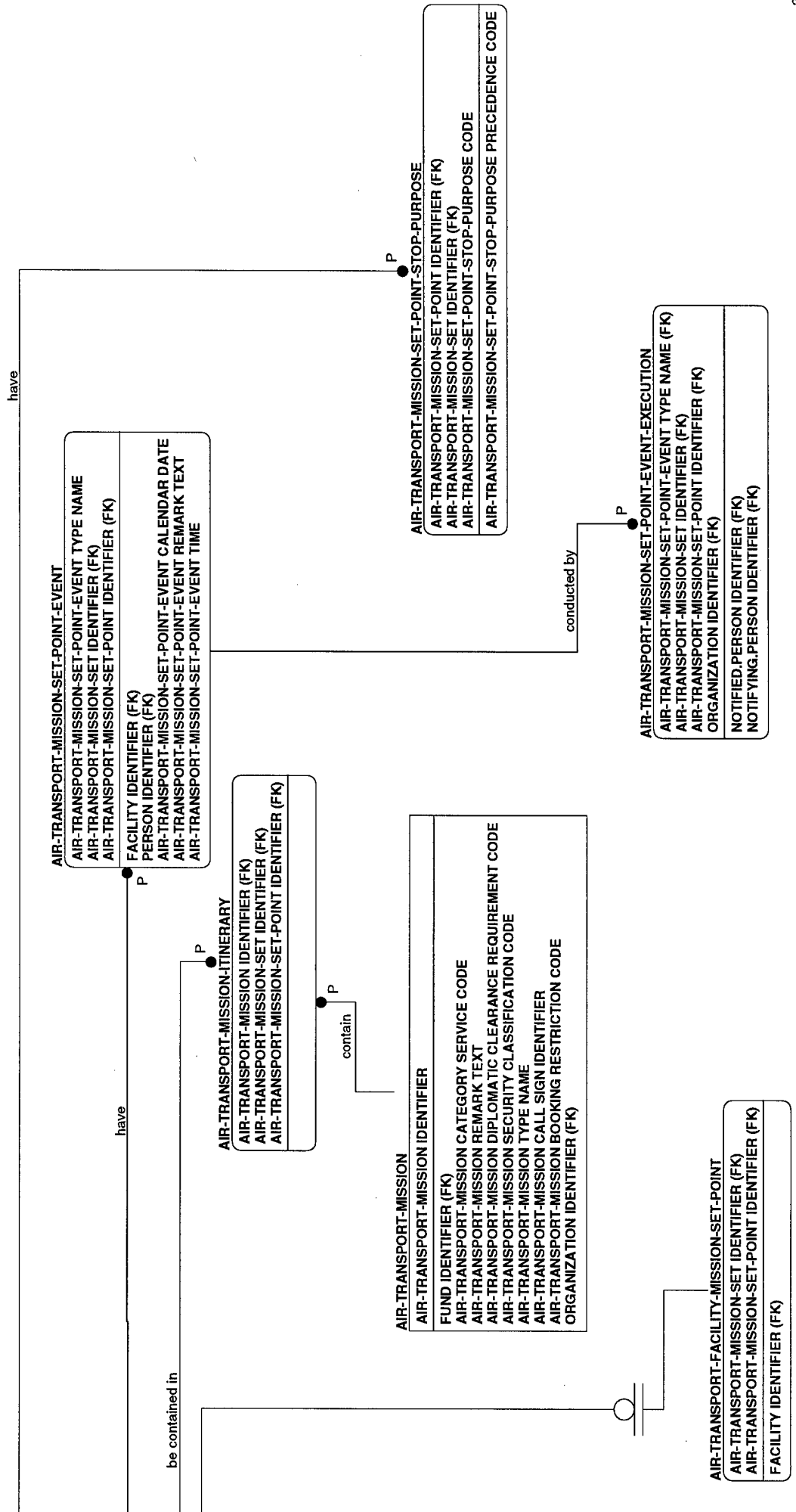


TR-04

DOD DATA MODEL
TR-04
30 NOVEMBER 1998

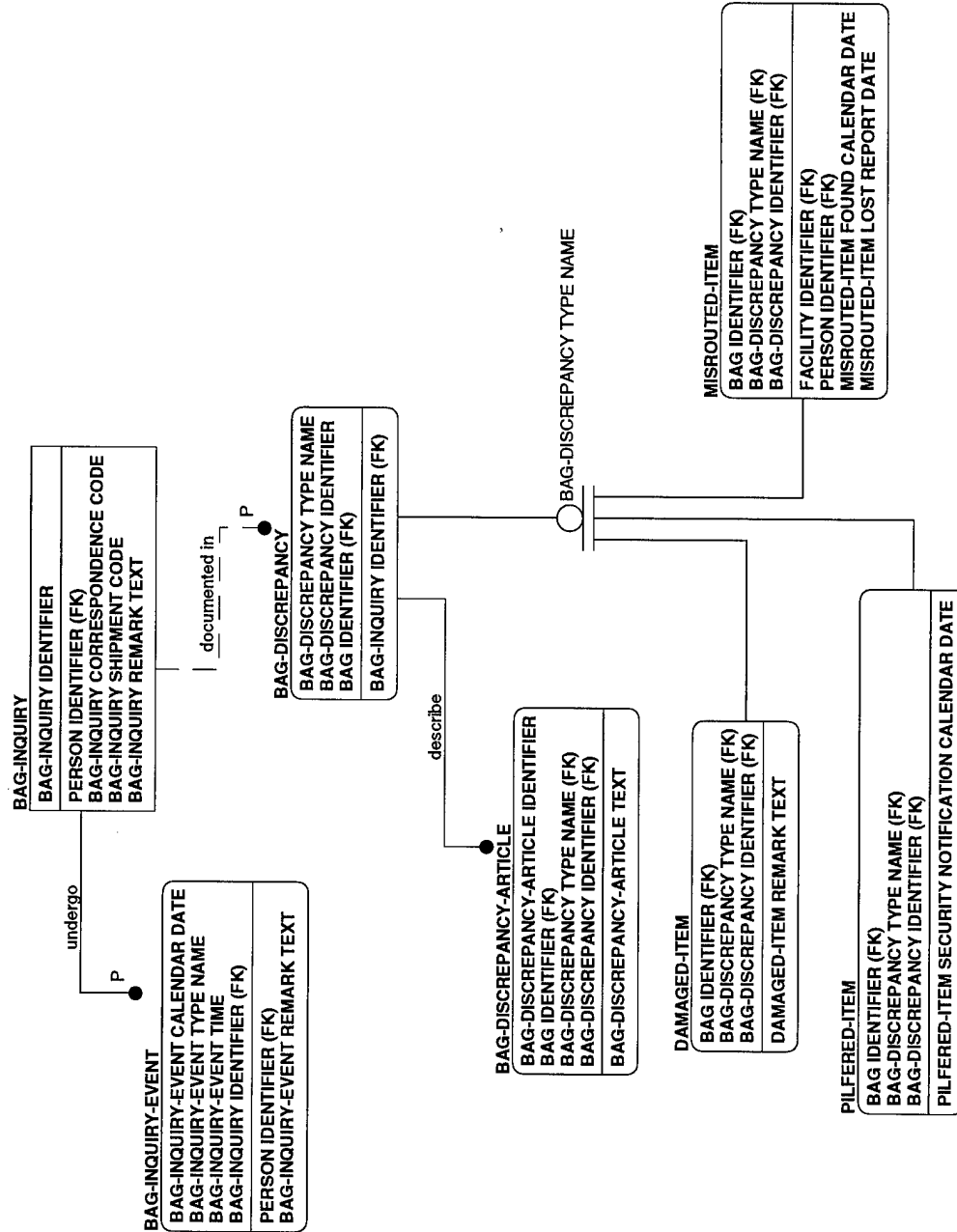
Presentation Legend:
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ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL





TR-05

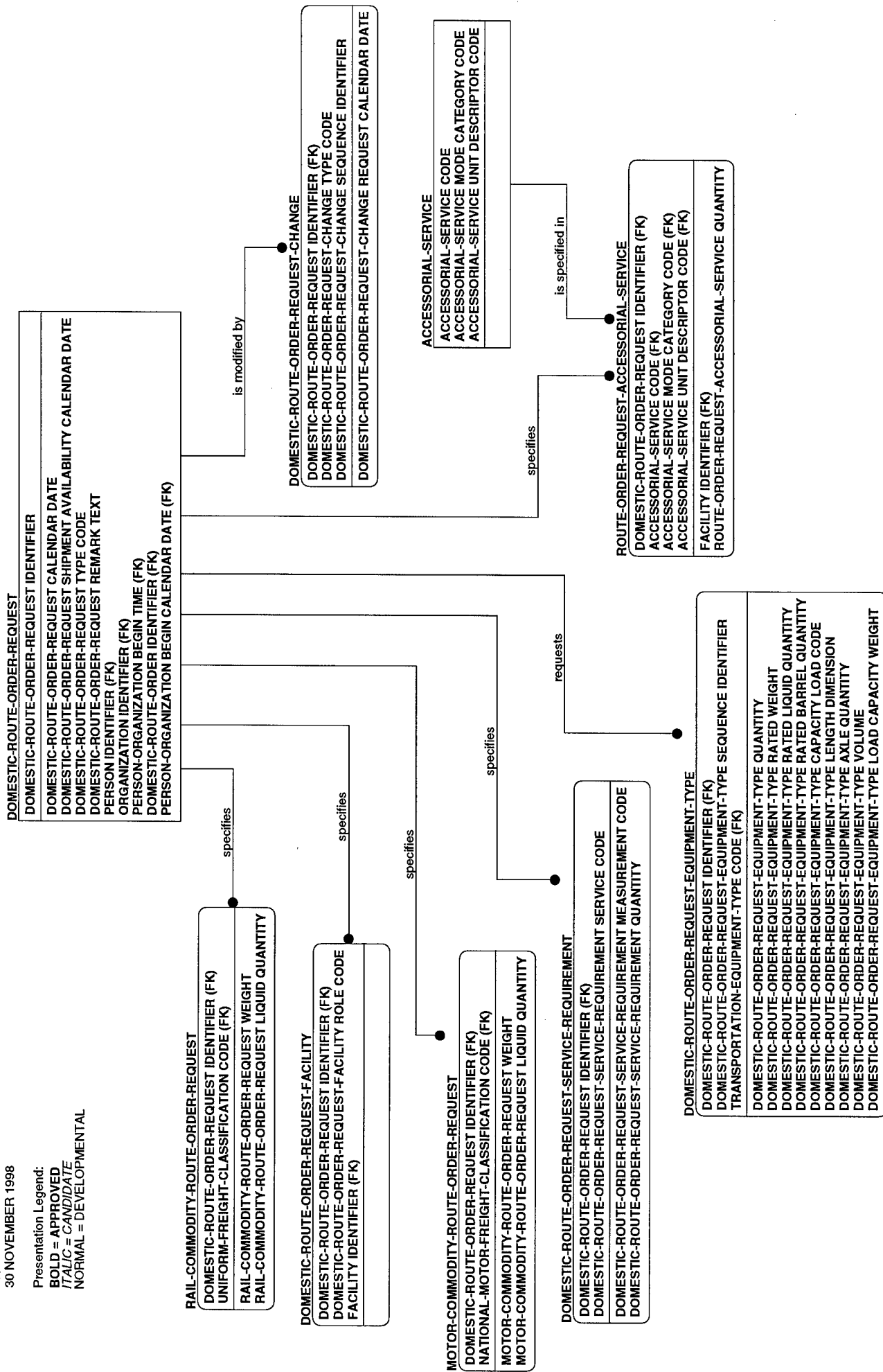
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ITALIC = CANDIDATE
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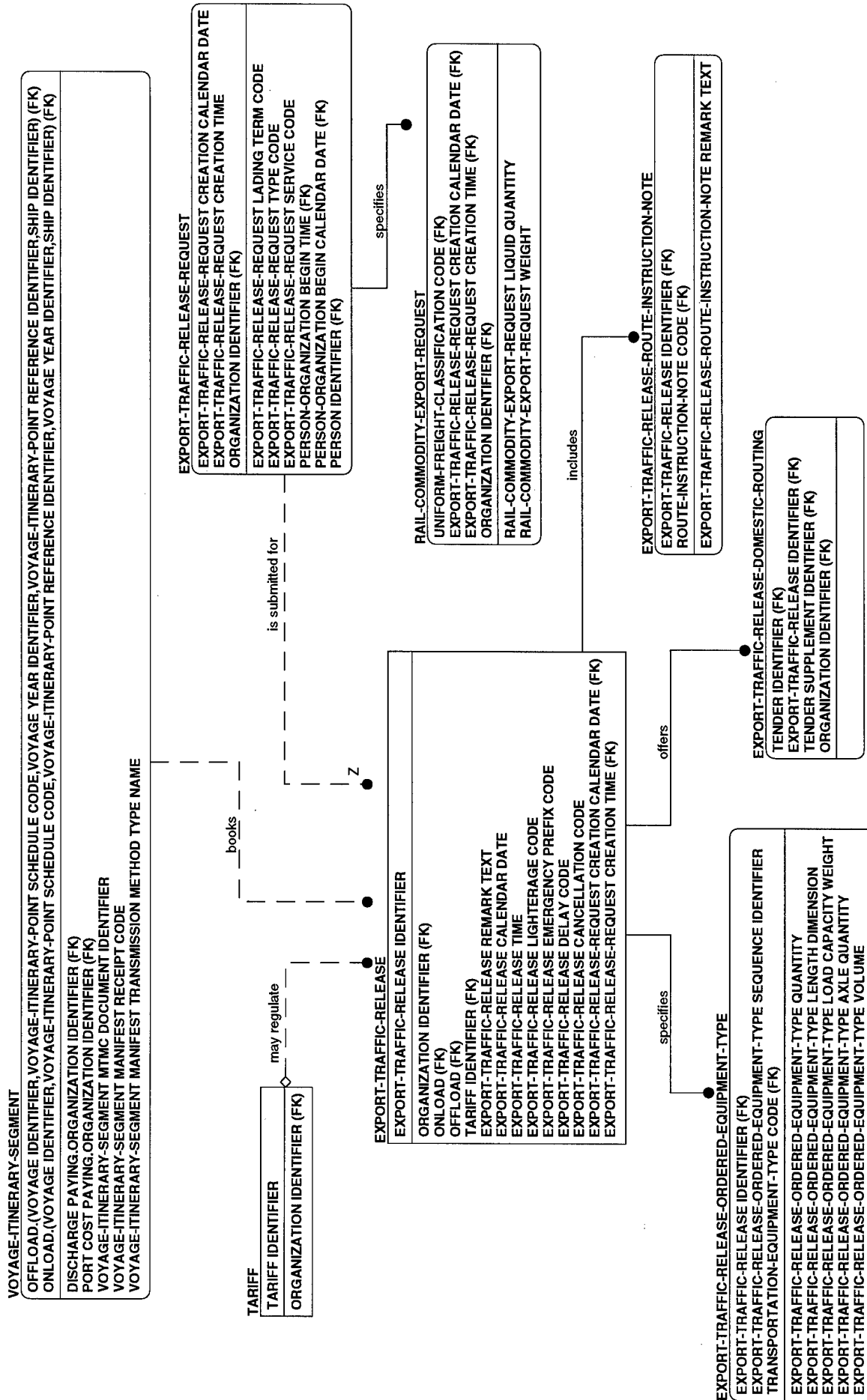
TR-06

DOD DATA MODEL
TR-06
30 NOVEMBER 1998

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-07



TR-08

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-09

DOD DATA MODEL
TR-09
30 NOVEMBER 1998

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL

SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION LOGISTICS-COMPLAINT IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION CALENDAR DATE
SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION TYPE CODE
PERSON-ORGANIZATION BEGIN TIME (FK)
SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION TEXT
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)

SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION TYPE CODE

TRANSPORTATION-INFORMATION-REQUEST SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) LOGISTICS-COMPLAINT IDENTIFIER (FK)
--

be referenced by

TRANSPORTATION-INFORMATION-RESPONSE SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) LOGISTICS-COMPLAINT IDENTIFIER (FK) TRANSPORTATION-INFORMATION-RESPONSE RECEIVED DATE REQUEST-FOR-INFORMATION.SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK)

NON-RESPONSE-MESSAGE

SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) LOGISTICS-COMPLAINT IDENTIFIER (FK) REQUEST-FOR-INFORMATION.SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK)

TRANSPORTATION-CLAIM-SUBMISSION

SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) LOGISTICS-COMPLAINT IDENTIFIER (FK) TRANSPORTATION-CLAIM-SUBMISSION TYPE CODE

is referenced by

TRANSPORTATION-CLAIM-SUBMISSION-RESPONSE

LOGISTICS-COMPLAINT IDENTIFIER (FK) SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) CLAIM-SUBMISSION.SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) TRANSPORTATION-CLAIM-SUBMISSION-RESPONSE REIMBURSEMENT AMOUNT

CARRIER-NOTIFICATION

SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) LOGISTICS-COMPLAINT IDENTIFIER (FK) CARRIER-NOTIFICATION METHOD CODE
--

be referenced by

CARRIER-NOTIFICATION-RESPONSE

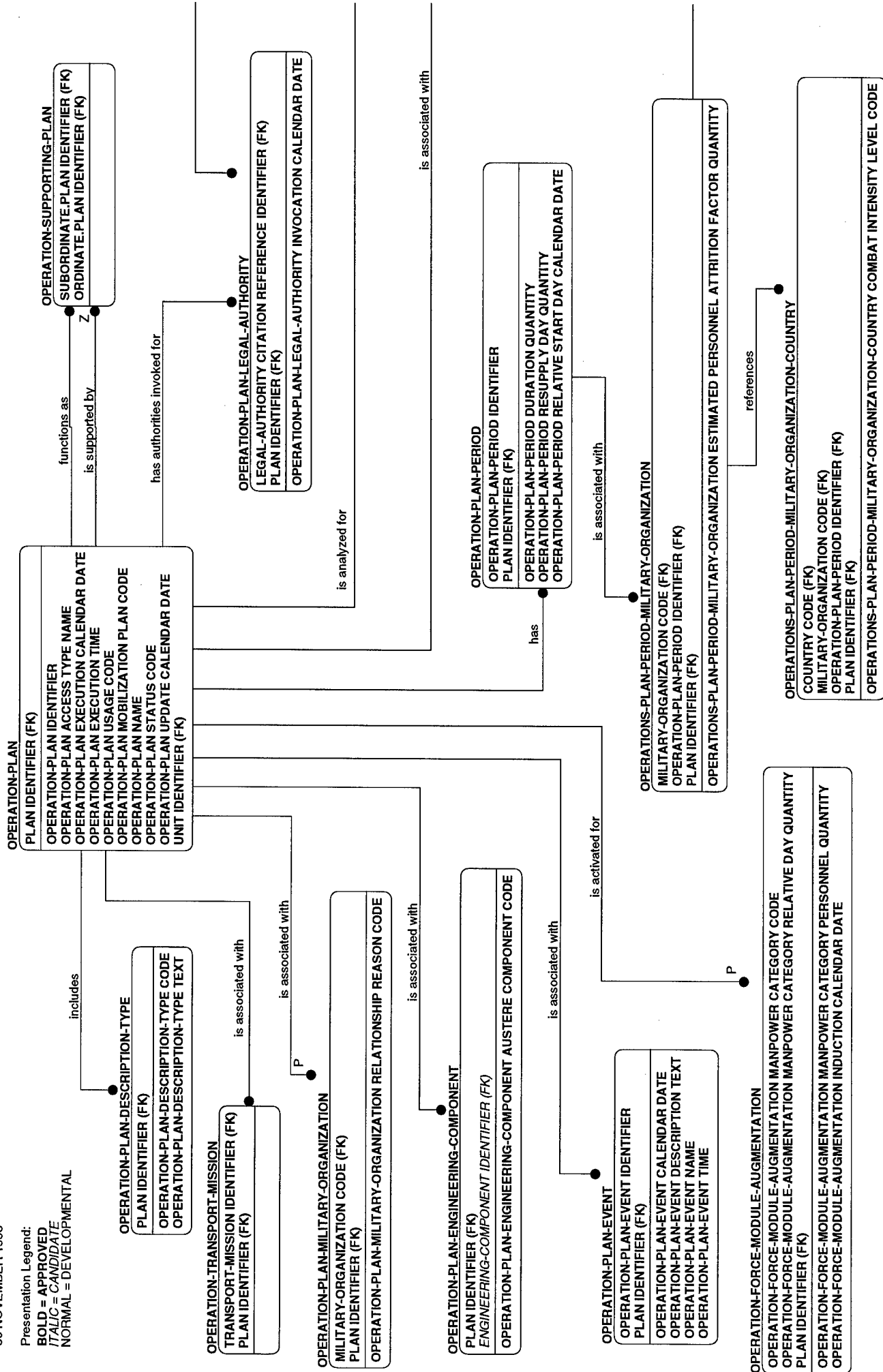
LOGISTICS-COMPLAINT IDENTIFIER (FK) SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) CARRIER-NOTIFICATION.SHIPMENT-TRANSPORTATION-COMPLAINT-ACTION SEQUENCE IDENTIFIER (FK) CARRIER-NOTIFICATION-RESPONSE CALENDAR DATE CARRIER-NOTIFICATION-RESPONSE REPRESENTATIVE TEXT CARRIER-NOTIFICATION-RESPONSE WAIVER CODE CARRIER-NOTIFICATION-RESPONSE WAIVER TYPE CODE

TR-10

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE



LEGAL-AUTHORITY

LEGAL-AUTHORITY CITATION REFERENCE IDENTIFIER
GUIDANCE IDENTIFIER (FK)
LEGAL-AUTHORITY DESCRIPTION TEXT
LEGAL-AUTHORITY DURATION TEXT
LEGAL-AUTHORITY INVOCATION AUTHORITY TEXT
LEGAL-AUTHORITY MOBILIZATION ACTIVITY NAME

is invoked for

OPERATION-PLAN-ENGINEERING-ANALYSIS

OPERATION-PLAN-ENGINEERING-ANALYSIS IDENTIFIER
PLAN IDENTIFIER (FK)
OPERATION-PLAN-ENGINEERING-ANALYSIS END RELATIVE DAY QUANTITY
OPERATION-PLAN-ENGINEERING-ANALYSIS START RELATIVE DAY QUANTITY
OPERATION-PLAN-ENGINEERING-ANALYSIS REGION IDENTIFIER
OPERATION-PLAN-ENGINEERING-ANALYSIS AUSTERE COMPONENT CODE
OPERATION-PLAN-ENGINEERING-ANALYSIS CLIMATIC FACTOR CODE
OPERATION-PLAN-ENGINEERING-ANALYSIS REGIONAL ENGINEER USE CODE
OPERATION-PLAN-ENGINEERING-ANALYSIS WAR DAMAGE ASSESSMENT CODE

is analyzed for

OPERATION-PLAN-ENGINEERING-ANALYSIS-SOURCE-ASSESSMENT

OPERATION-PLAN-ENGINEERING-ANALYSIS-SOURCE-ASSESSMENT FACILITY CODE
OPERATION-PLAN-ENGINEERING-ANALYSIS IDENTIFIER (FK)
PLAN IDENTIFIER (FK)
OPERATION-PLAN-ENGINEERING-ANALYSIS-SOURCE-ASSESSMENT NECESSITY CODE

OPERATIONS-PLAN-MILITARY-ORGANIZATION-GEOLOCATION-ASSOCIATION

SUBORDINATE GEOLOCATION CODE (FK)
ordinate (FK)
subordinate (FK)
MILITARY-ORGANIZATION CODE (FK)
GEOLOCATION CODE (FK)
PLAN IDENTIFIER (FK)
OPERATIONS-PLAN-MILITARY-ORGANIZATION-GEOLOCATION-ASSOCIATION REPLACEMENT PERSONNEL PERCENTAGE RATE

is associated with

OPERATIONS-PLAN-PERIOD-MILITARY-ORG-GEOLOCATION-ASSOCIATION

GEOLOCATION CODE (FK)
ordinate (FK)
subordinate (FK)
MILITARY-ORGANIZATION CODE (FK)
OPERATION-PLAN-PERIOD IDENTIFIER (FK)
PLAN IDENTIFIER (FK)
OPERATIONS-PLAN-PERIOD-MILITARY-ORGANIZATION-GEOLOCATION-ASSOCIATION FREE WORLD MILITARY ASSISTANCE FORCE PERSONNEL QUANTITY

TR-11

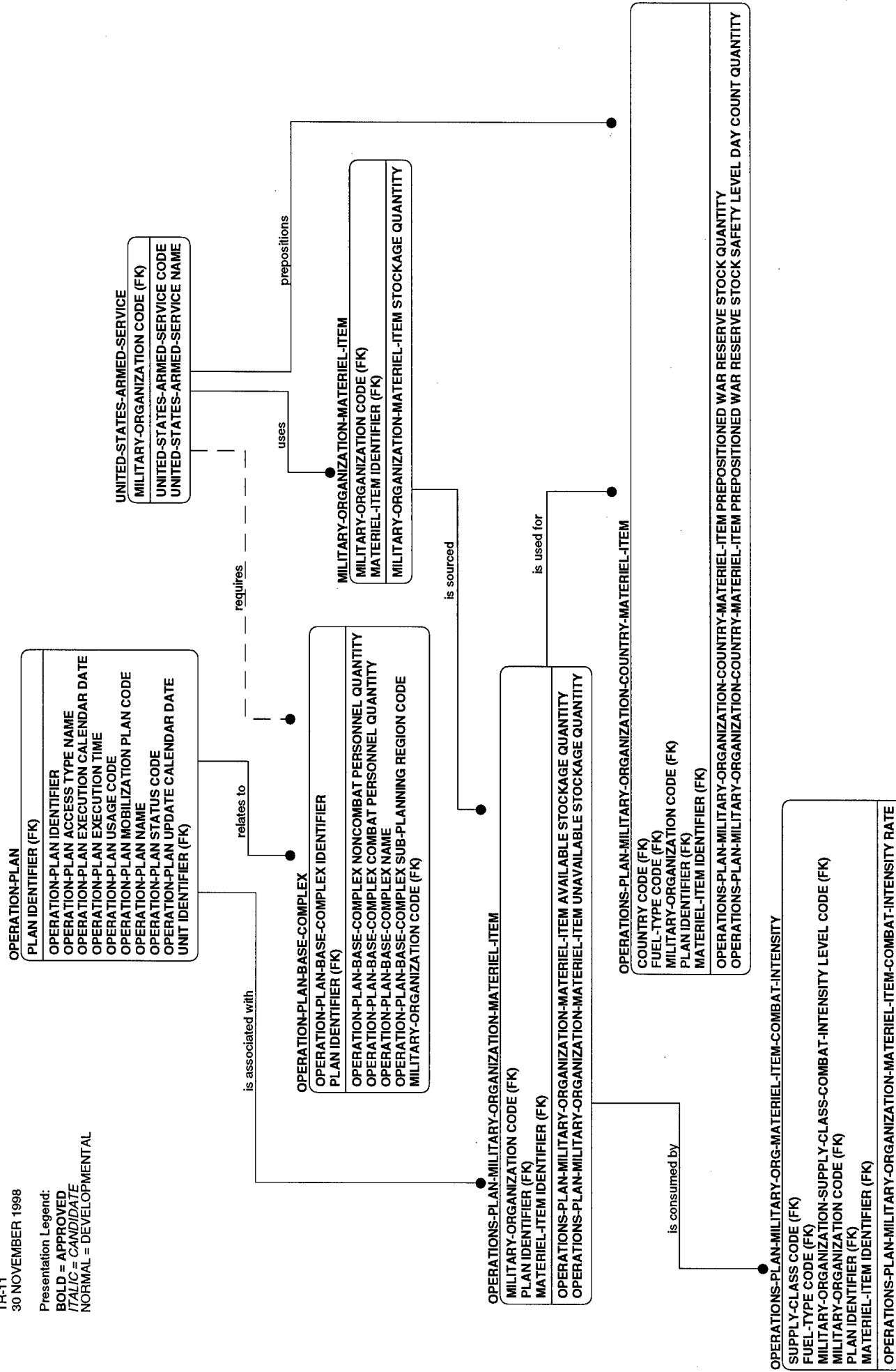
TR-11

IR-11
30 NOVEMBER 1998

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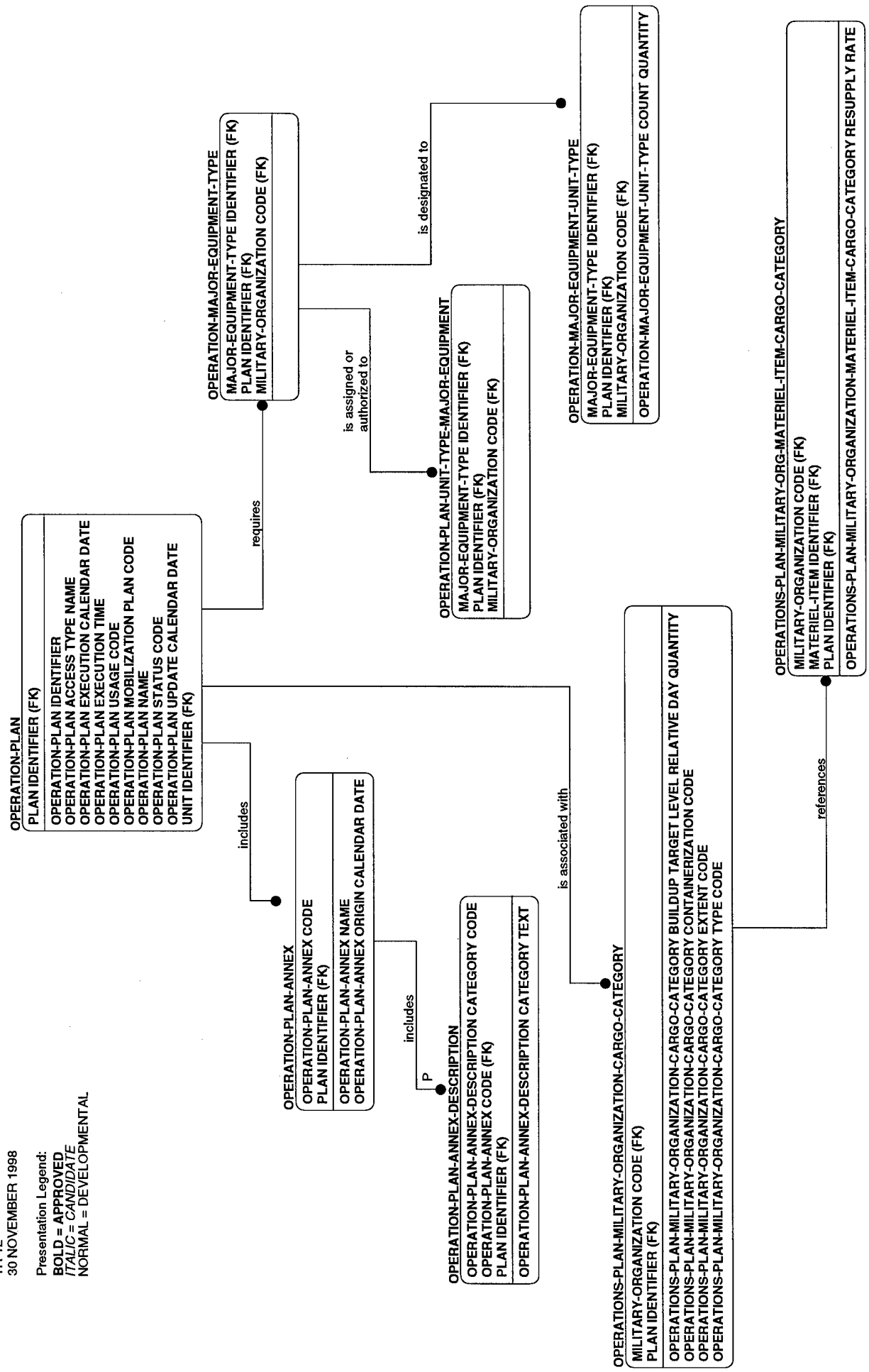
BOLD = APPROVED

ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



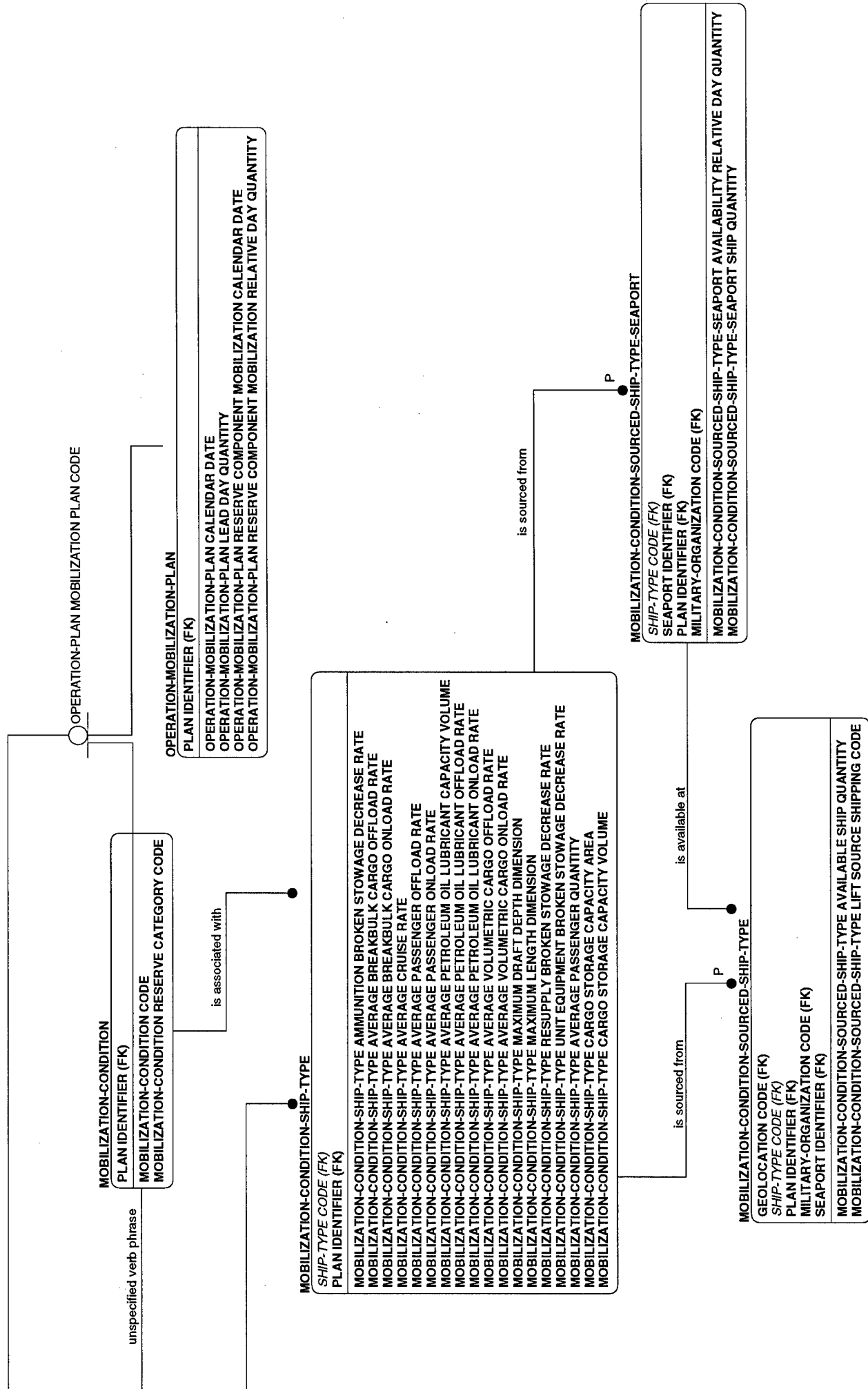
TR-12

Presentation Legend:
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ITALIC = CANDIDATE
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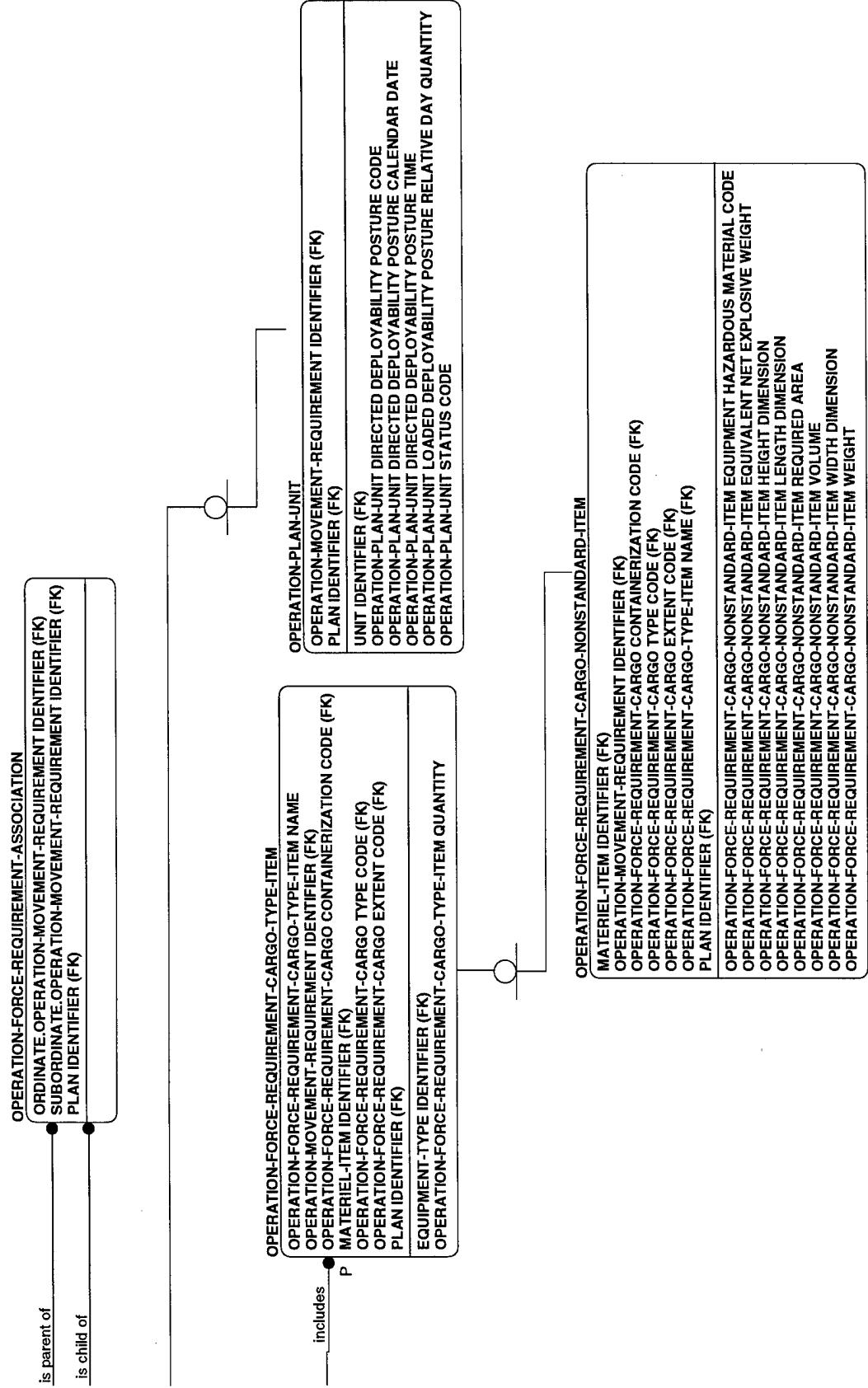
TR-13





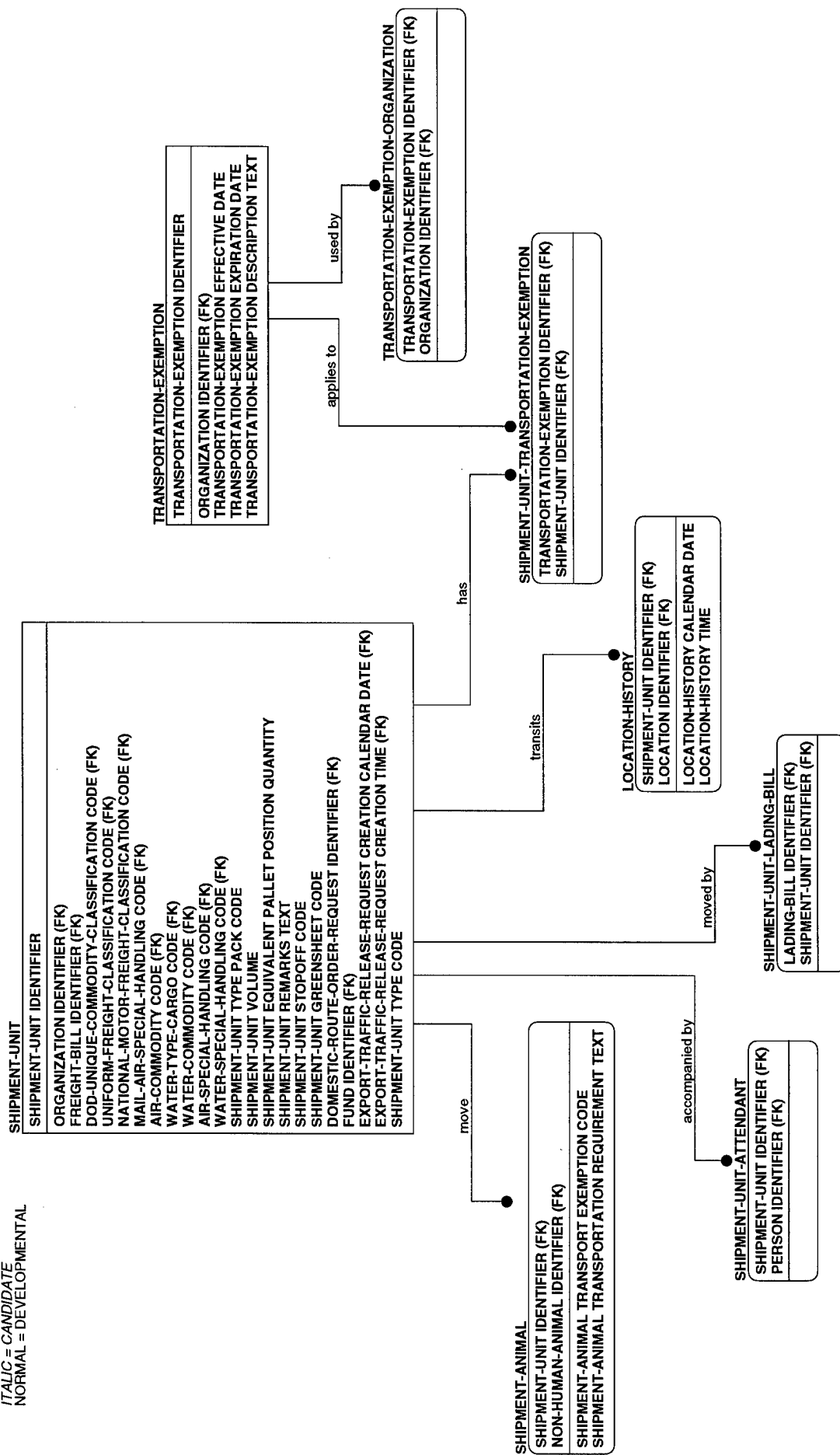
TR-14



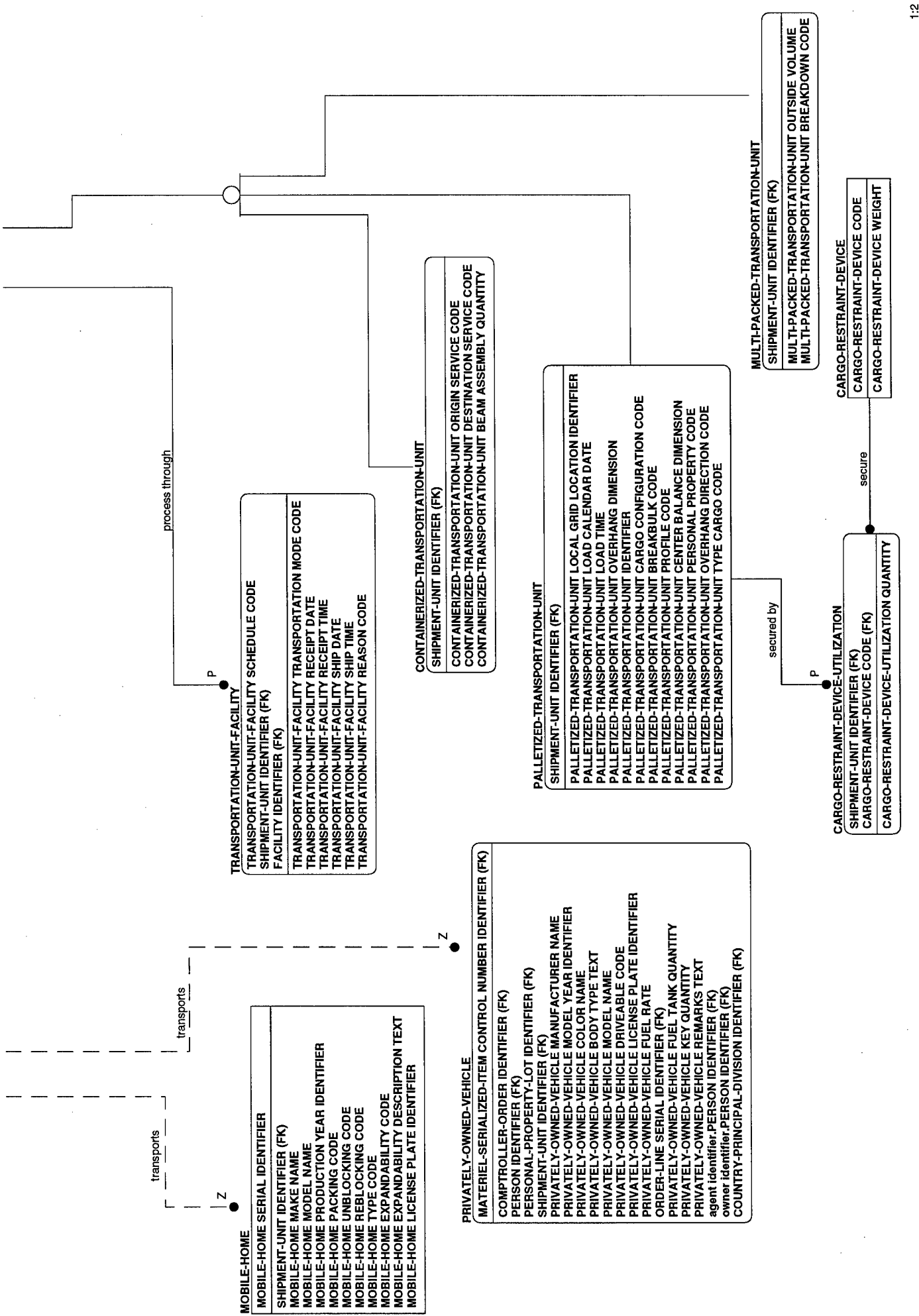


TR-15

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-16



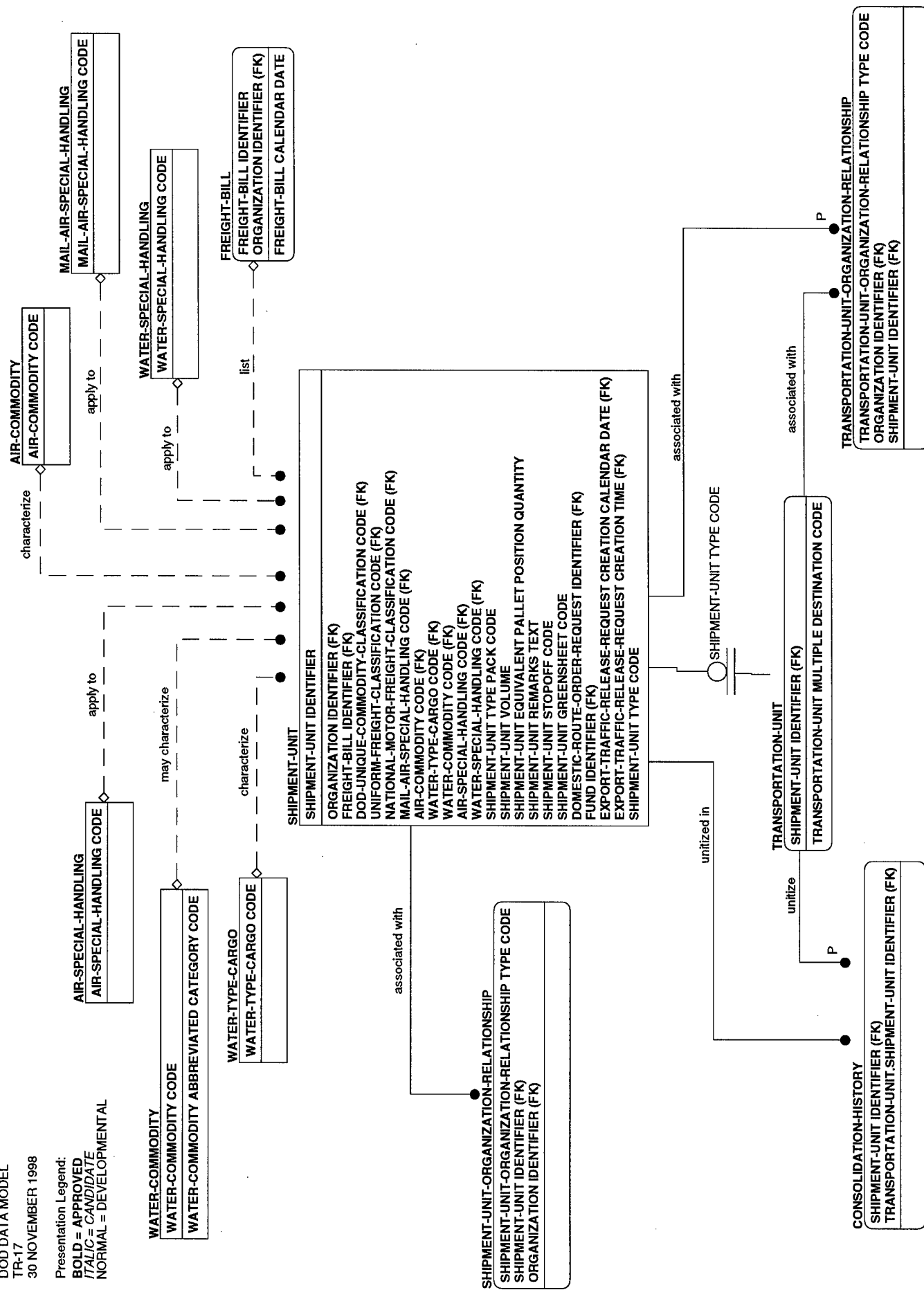
TR-17

30 NOVEMBER 1998

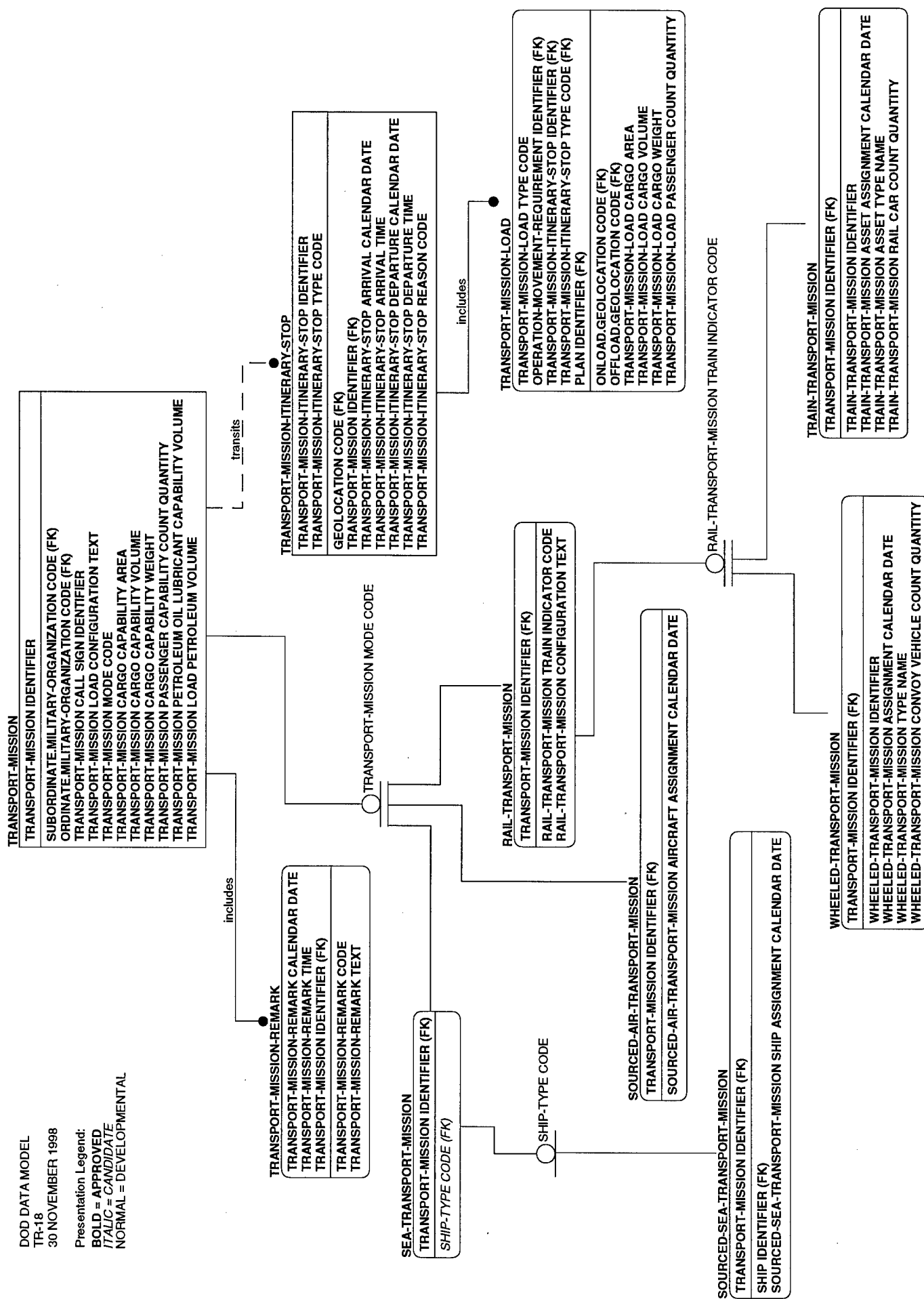
Presentation Legend:

BOLD = APPROVED

BOLD = APPROVED
ITALIC = CANDIDATE

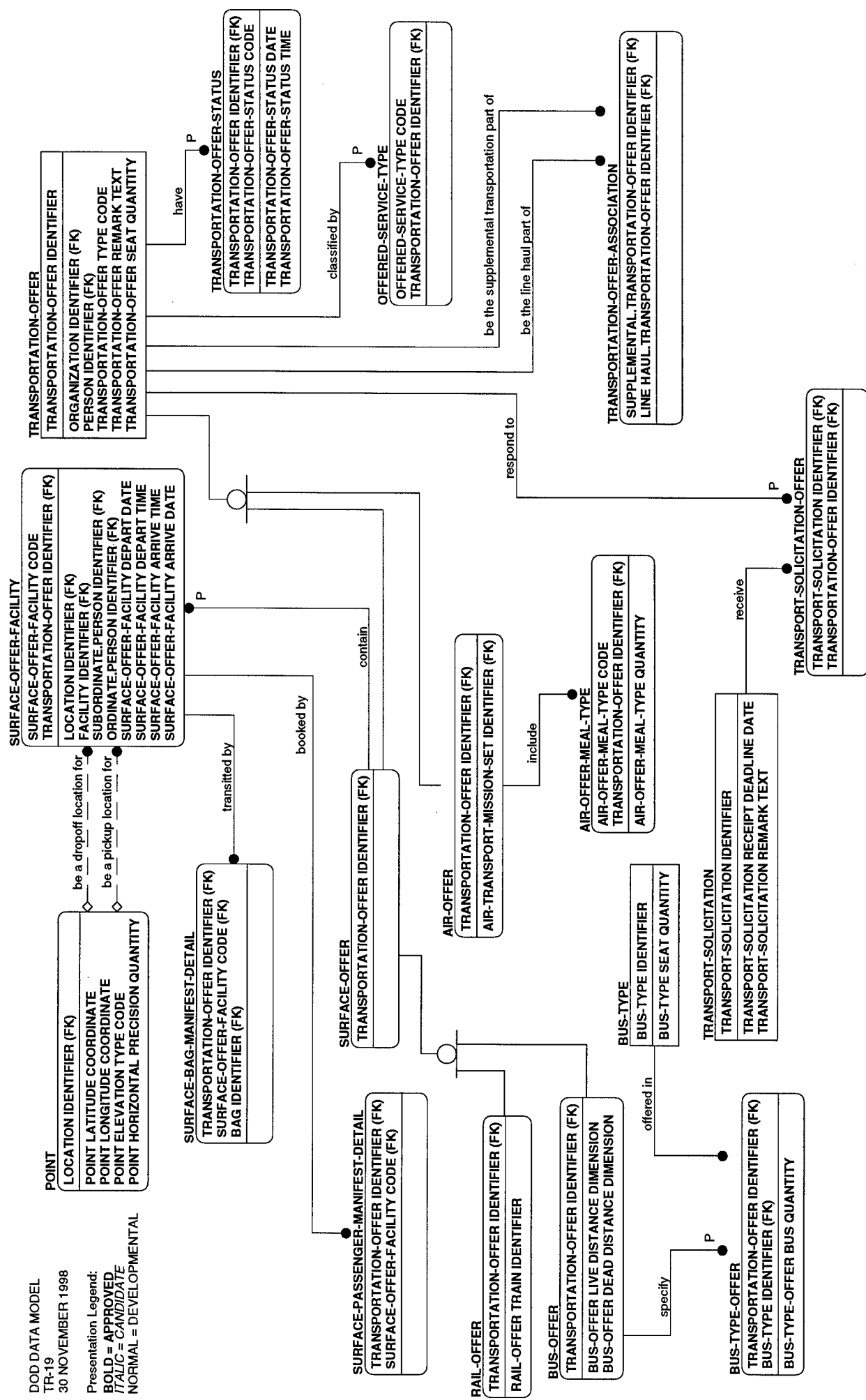


TR-18



TR-19

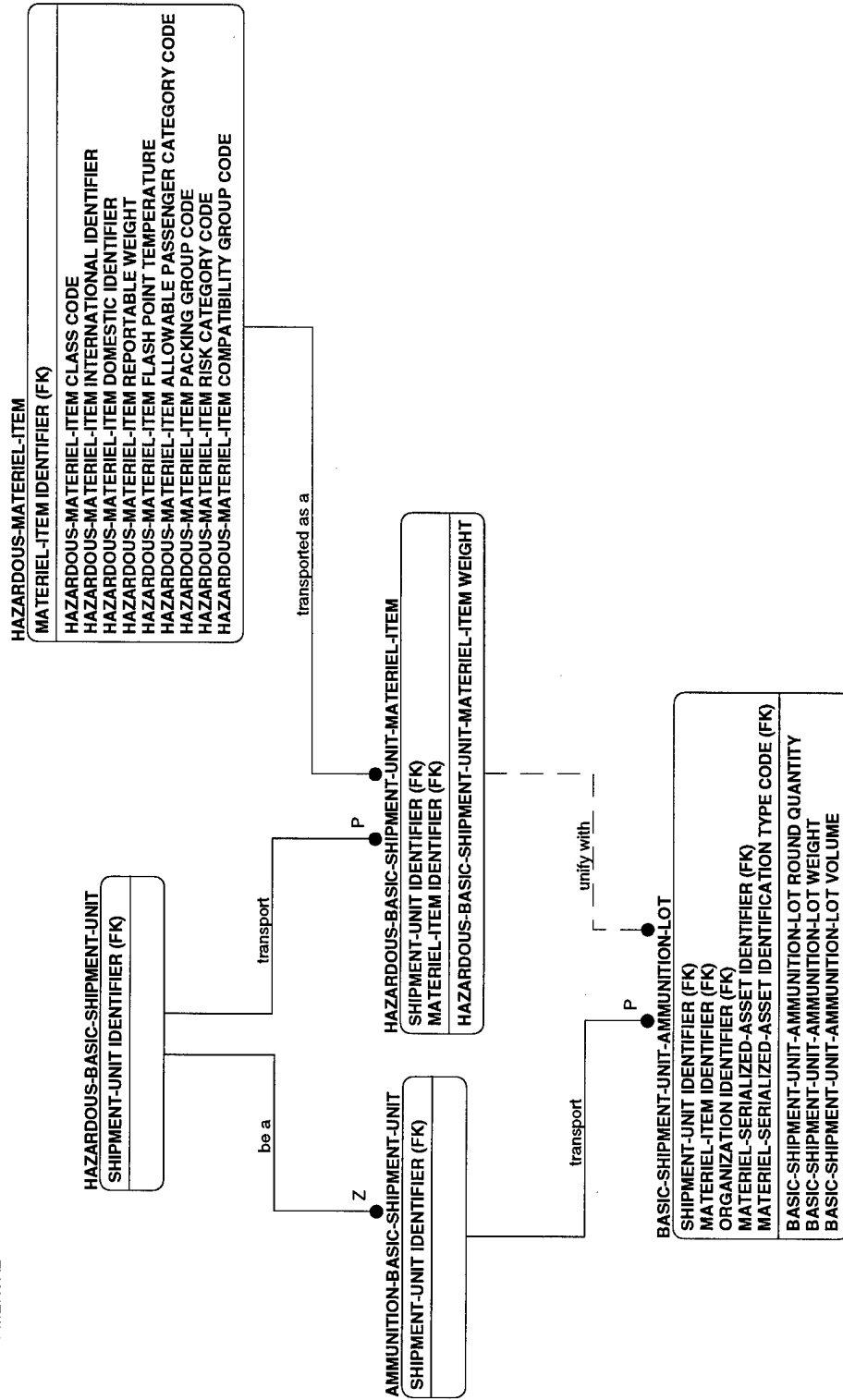
Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-20

DOD DATA MODEL
TR-20
30 NOVEMBER 1998

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-21

DOD DATA MODEL

TR-21

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

SHIPMENT-UNIT-FACILITY

SHIPMENT-UNIT-FACILITY REASON CODE
SHIPMENT-UNIT-FACILITY SCHEDULE CODE
SHIPMENT-UNIT IDENTIFIER (FK)
FACILITY IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY TRANSPORTATION MODE CODE
SHIPMENT-UNIT-FACILITY TURKISH AUTHORIZATION IDENTIFIER

be the subject of a

SHIPMENT-UNIT-INSPECTION-EVENT

SHIPMENT-UNIT-INSPECTION-EVENT START CALENDAR DATE
SHIPMENT-UNIT-INSPECTION-EVENT START TIME
SHIPMENT-UNIT IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY REASON CODE (FK)
SHIPMENT-UNIT-FACILITY SCHEDULE CODE (FK)
FACILITY IDENTIFIER (FK)
TRANSPORTATION-INSPECTION-TYPE NAME (FK)
INSPECTION-RESULT-TYPE NAME (FK)
SHIPMENT-UNIT-INSPECTION-EVENT RESULT NOTIFICATION CALENDAR DATE
SHIPMENT-UNIT-INSPECTION-EVENT RESULT TEXT
SHIPMENT-UNIT-INSPECTION-EVENT STOP CALENDAR DATE
ORGANIZATION IDENTIFIER (FK)
SHIPMENT-UNIT-INSPECTION-EVENT STOP TIME

have a role played in it by a

SHIPMENT-UNIT-INSPECTION-EVENT-PARTICIPANT

SHIPMENT-UNIT IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY REASON CODE (FK)
SHIPMENT-UNIT-FACILITY SCHEDULE CODE (FK)
FACILITY IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
SHIPMENT-UNIT-INSPECTION-EVENT START TIME (FK)
TRANSPORTATION-INSPECTION-TYPE NAME (FK)
SHIPMENT-UNIT-INSPECTION-EVENT START CALENDAR DATE (FK)
SHIPMENT-UNIT-INSPECTION-EVENT-PARTICIPANT ROLE TYPE NAME

have

SHIPMENT-UNIT-FACILITY-CLEARANCE

SHIPMENT-UNIT-FACILITY-CLEARANCE APPROVAL IDENTIFIER
SHIPMENT-UNIT IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY REASON CODE (FK)
SHIPMENT-UNIT-FACILITY SCHEDULE CODE (FK)
FACILITY IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY-CLEARANCE APPROVAL CALENDAR DATE
SHIPMENT-UNIT-FACILITY-CLEARANCE BEGIN CALENDAR DATE
SHIPMENT-UNIT-FACILITY-CLEARANCE REQUEST CALENDAR DATE
SHIPMENT-UNIT-FACILITY-CLEARANCE REMARKS TEXT

undergo

have a role played in it by

P

SHIPMENT-UNIT-FACILITY-EVENT

SHIPMENT-UNIT-FACILITY-EVENT TYPE CODE
SHIPMENT-UNIT IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY REASON CODE (FK)
SHIPMENT-UNIT-FACILITY SCHEDULE CODE (FK)
FACILITY IDENTIFIER (FK)
executing,ORGANIZATION IDENTIFIER (FK)
receiving,ORGANIZATION IDENTIFIER (FK)
sending,ORGANIZATION IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY-EVENT EXECUTION CALENDAR DATE
SHIPMENT-UNIT-FACILITY-EVENT EXECUTION TIME

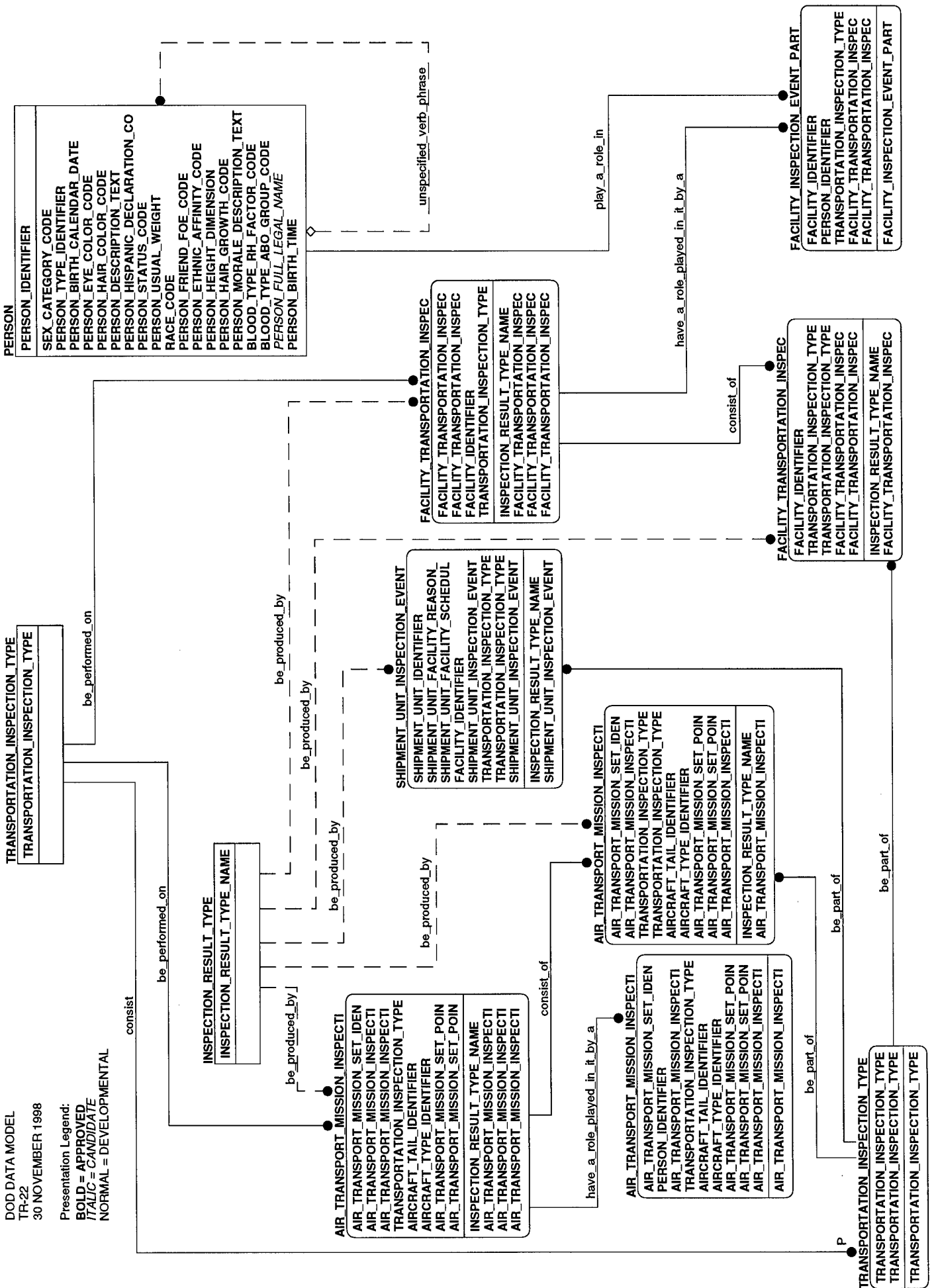
P

SHIPMENT-UNIT-FACILITY-CLEARANCE-PARTICIPANT

SHIPMENT-UNIT IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY REASON CODE (FK)
SHIPMENT-UNIT-FACILITY SCHEDULE CODE (FK)
FACILITY IDENTIFIER (FK)
ORGANIZATION IDENTIFIER (FK)
PERSON IDENTIFIER (FK)
PERSON-ORGANIZATION BEGIN CALENDAR DATE (FK)
PERSON-ORGANIZATION BEGIN TIME (FK)
SHIPMENT-UNIT-FACILITY-CLEARANCE APPROVAL IDENTIFIER (FK)
SHIPMENT-UNIT-FACILITY-CLEARANCE-PARTICIPANT ROLE TYPE NAME

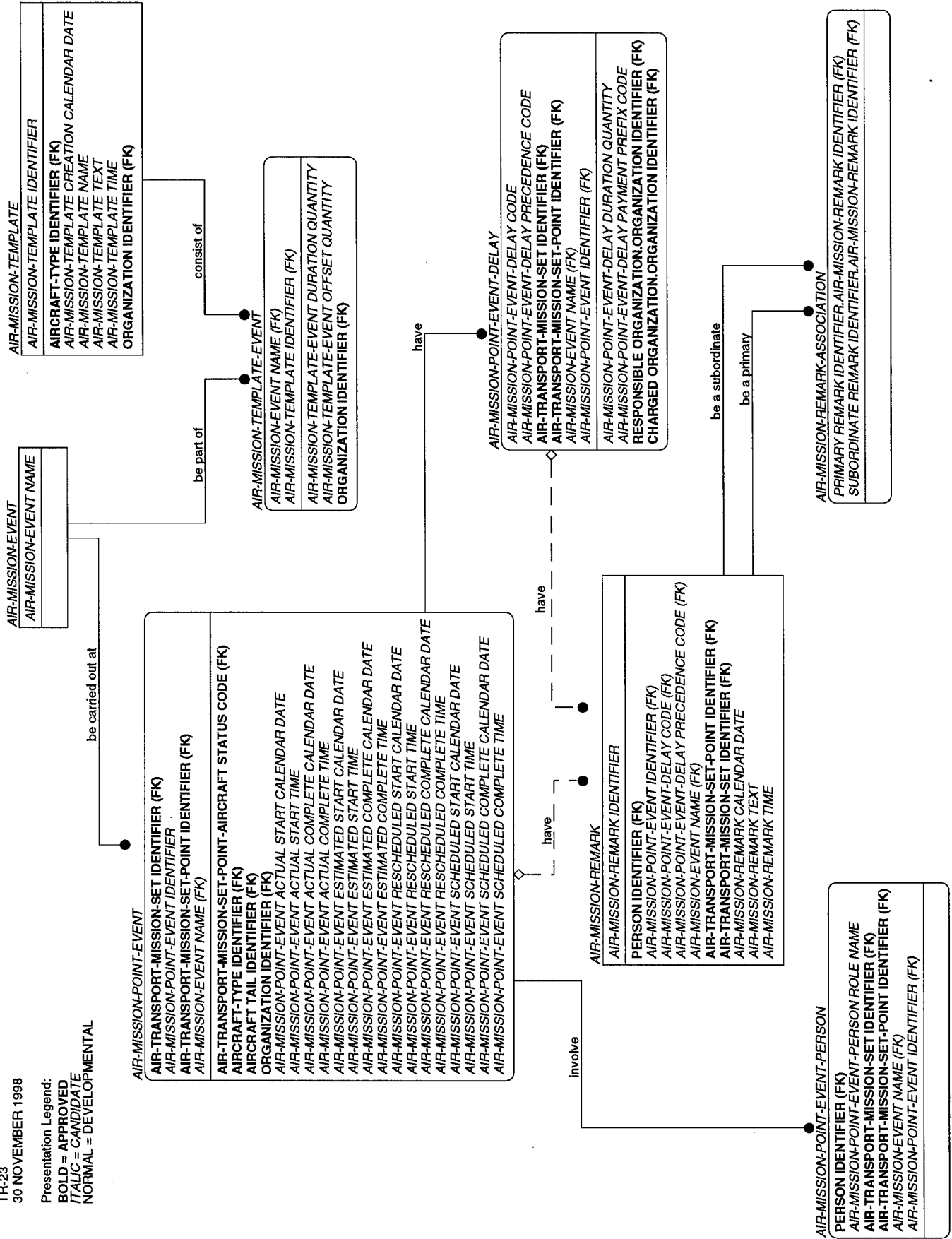
TR-22

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



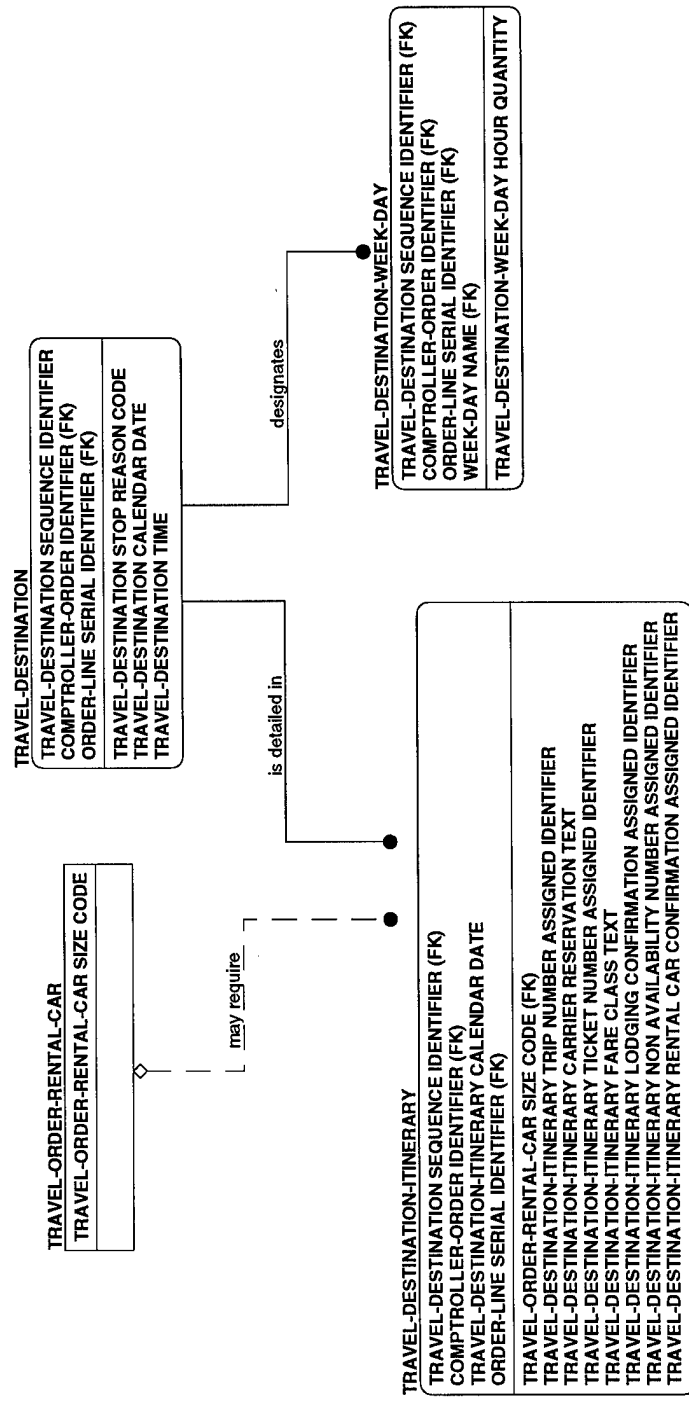
TR-23

Presentation Legend:
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NORMAL = DEVELOPMENTAL



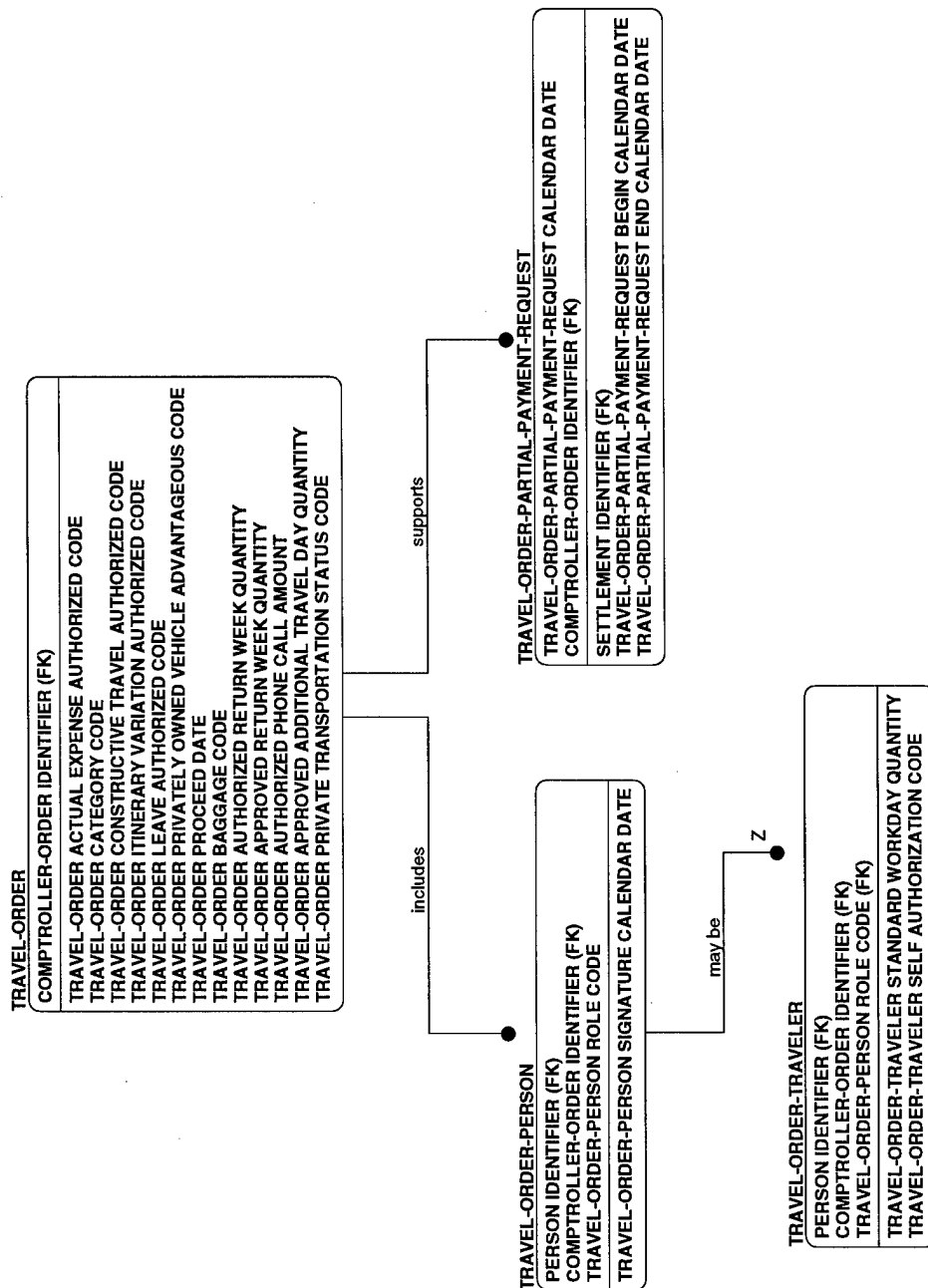
TR-24

Presentation Legend:
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NORMAL = DEVELOPMENTAL

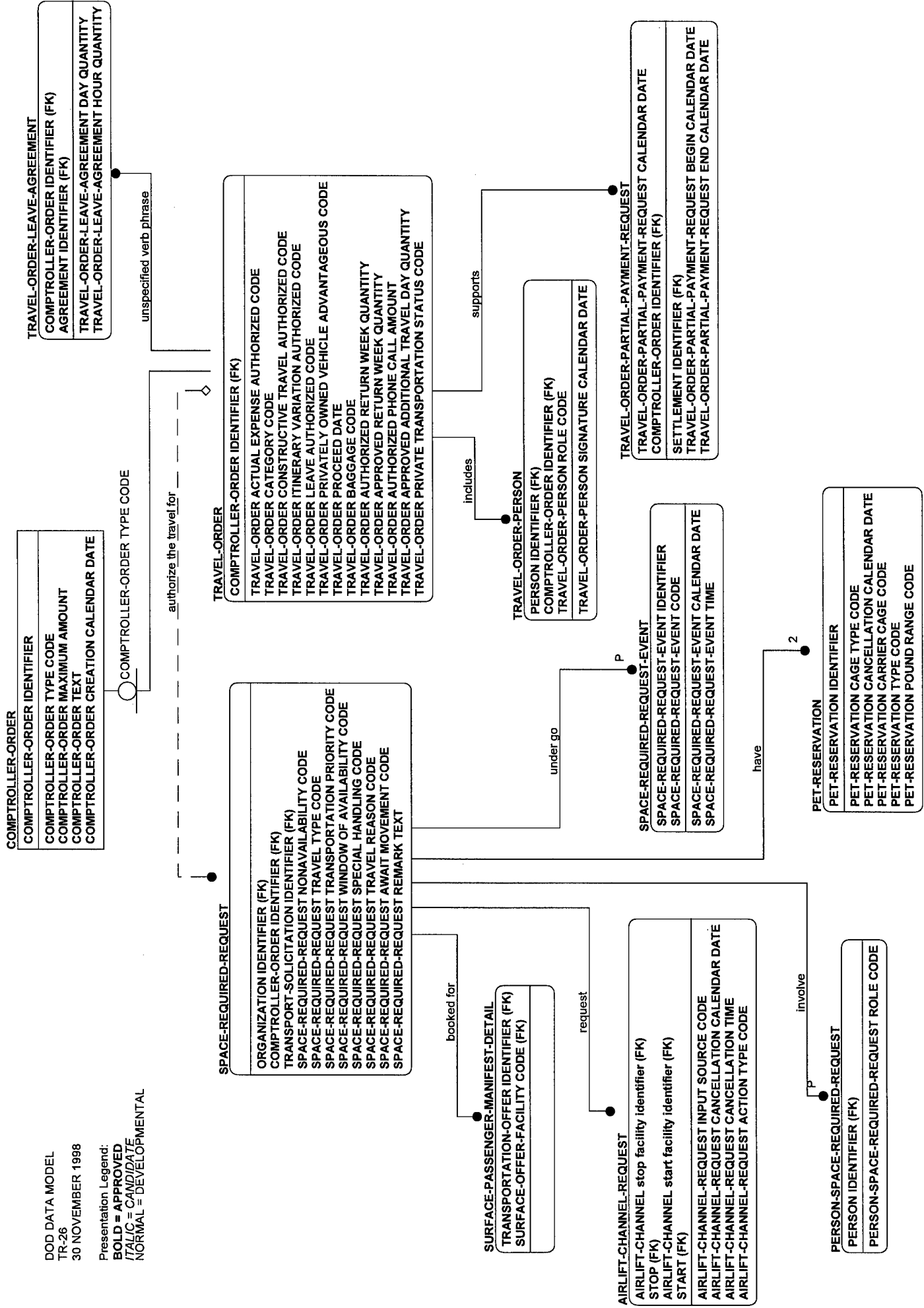


TR-25

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



TR-26



Section 4

External Interface Standards

Section 4 External Interface Standards

1.0 INTRODUCTION

This section of the DoD Data Model contains American National Institute Standards (ANSI) X.12 data exchange standards. These standards have been included in the DoD Data Model under 8320.1 series guidance that requires the adoption of international, national, and Federal data standards prior to the development of DoD data standards. In conjunction with this requirement, the inclusion of ANSI X.12 data exchange standards broadens the scope of the Data Model to include standard data interchange.

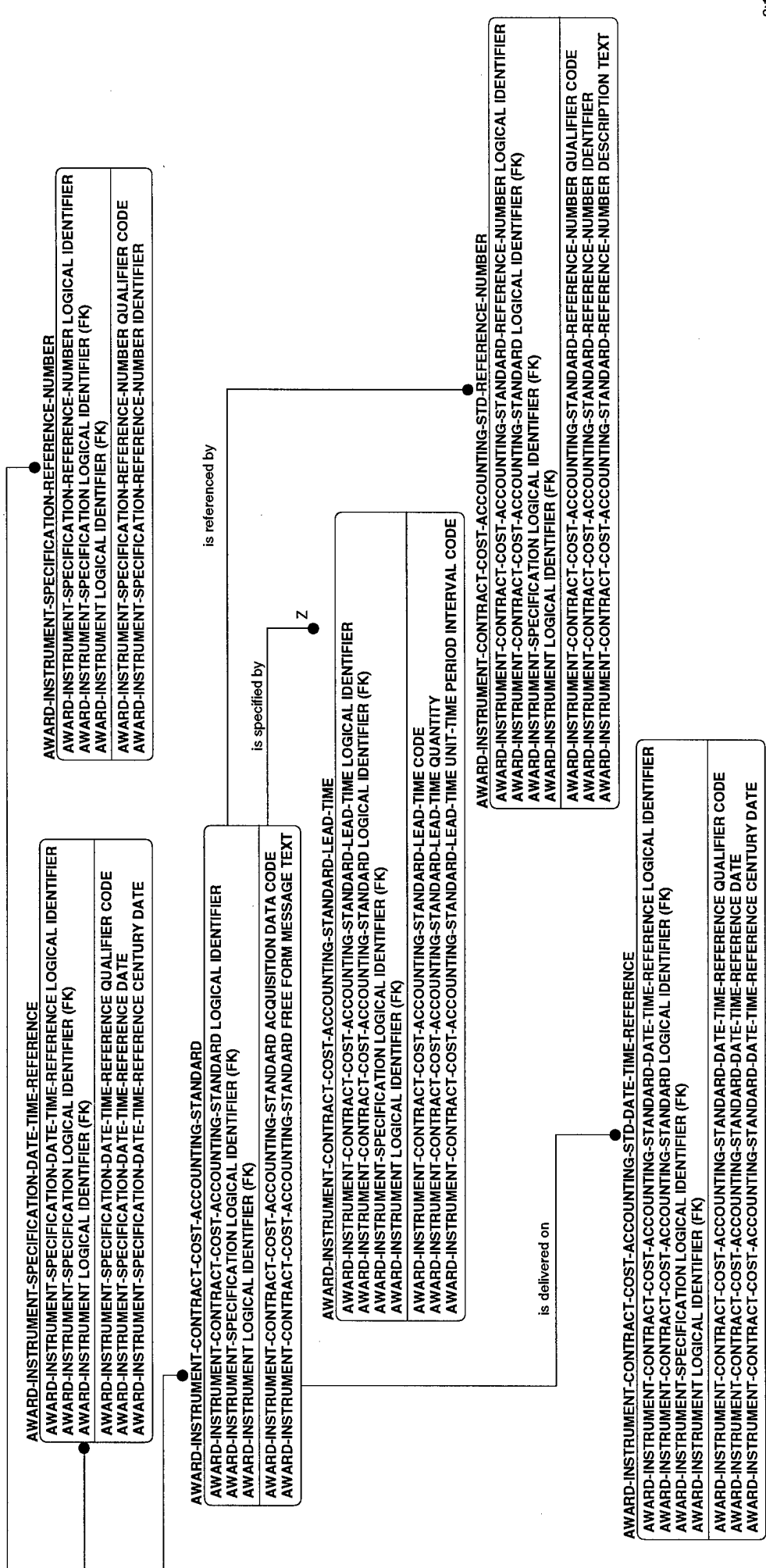
The ANSI X.12 data interchange standards have been adopted by the Department of Defense to improve the exchange of data between the Department and industry partners. In adopting the X.12 standards, version 3050 of X.12 and the associated Federal implementation conventions (IC) have been used to support the adoption of transaction sets 850 (Purchase Request) and 860 (Purchase Request Modification). Version 3040 of the X.12 standards has been used to facilitate the adoption of data standards carried on transaction set 838 (Vendor Registration).

Users of the DoD Data Model should note that the X.12 data interchange standards are used to describe standard formats for the exchange of data. Focusing on standard formats for data interchange, the ANSI X.12 standards may differ from the standards developed by the DoD functional areas. First, standard data exchange formats are typically hierarchically organized. Second, data interchange standards contain complex or coupled data items. Third, the data interchange standards may be used to record multiple occurrences of data that is exchanged with partners over time. Fourth, data exchange standards currently coexist with the data standards used to develop and design databases used to serve functional needs. For example, the 838 transaction set is used to populate the Central Contractor Registration (CCR) System.

The coexistent relationship between functional area database standards and data interchange standards has a number of implications. First, in terms of using the interchange standards, the matching and mapping of functional data standards to established interchange standards should prove useful in validating both DoD functional data standards and transformation algorithms. Second, the data models used to describe the interchange standards are useful as a specification for the data stored on the transaction sets as received from or sent to trading partners. This specification can be used as a basis for developing value-added services at Electronic Commerce Processing Nodes (ECPN). These services include audit, authentication, and, data quality and data security capabilities. Finally, in using the descriptive information on the data interchange standards contained in this section, Functional organizations should note that these standards are used for the express purpose of supporting data exchange. Use of these standards should be consistent with this expressed purpose.

ES-01



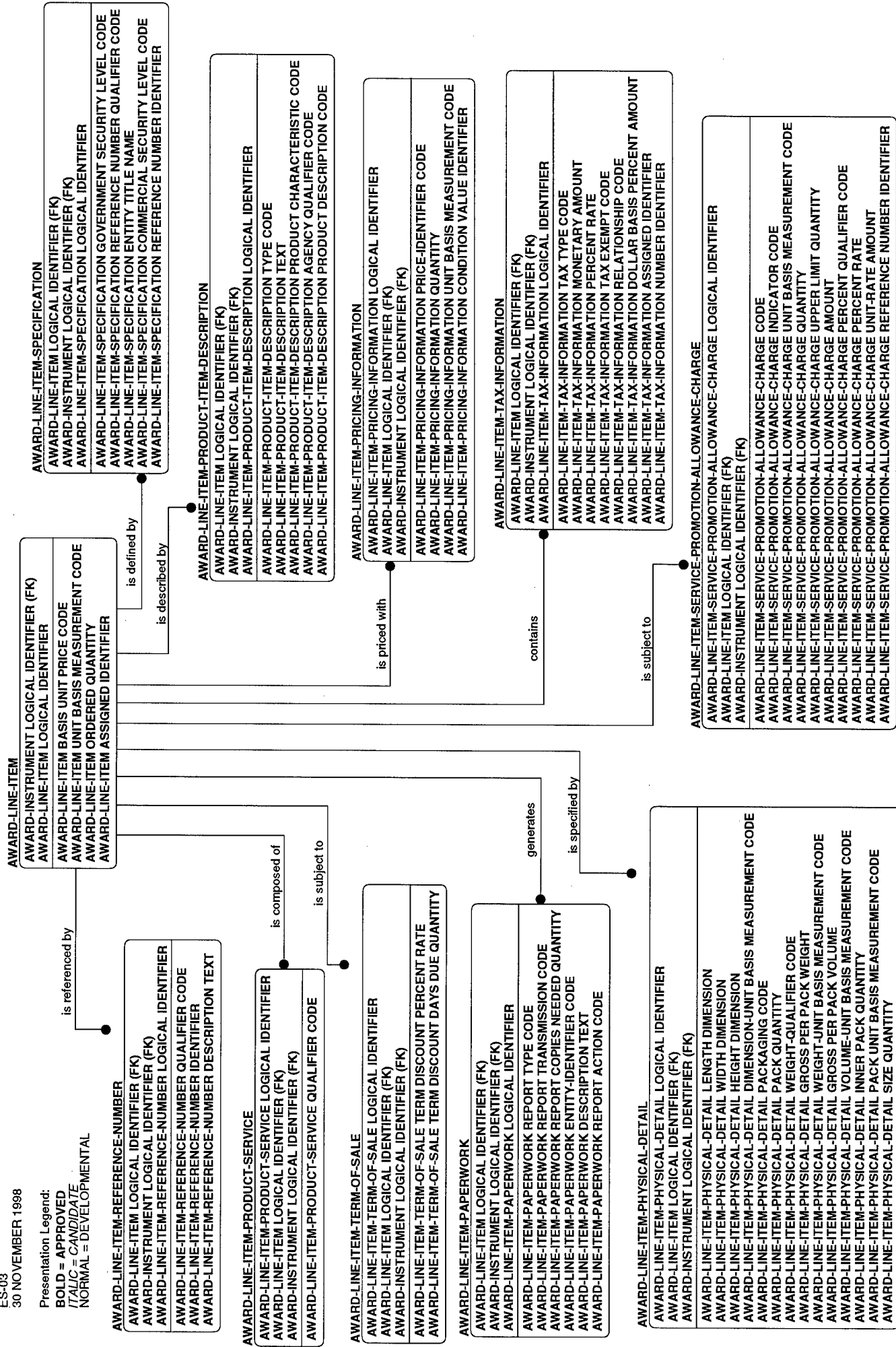


ES-02



ES-03

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



ES-04

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL

AWARD-LINE-ITEM

AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM LOGICAL IDENTIFIER
AWARD-LINE-ITEM BASIS UNIT PRICE CODE
AWARD-LINE-ITEM UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM ORDERED QUANTITY
AWARD-LINE-ITEM ASSIGNED IDENTIFIER

AWARD-LINE-ITEM-MARK-NUMBER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MARK-NUMBER LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MARK-NUMBER QUALIFIER CODE

is identified by

contains requirements for

Z

AWARD-LINE-ITEM-CONDITION-OF-SALE
AWARD-LINE-ITEM-CONDITION-OF-SALE LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CONDITION-OF-SALE REQUIREMENT CODE
AWARD-LINE-ITEM-CONDITION-OF-SALE DO NOT EXCEED ACTION CODE
AWARD-LINE-ITEM-CONDITION-OF-SALE AMOUNT

is discounted in

AWARD-LINE-ITEM-DISCOUNT-DETAIL
AWARD-LINE-ITEM-DISCOUNT-DETAIL LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT TERM TYPE CODE
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT BASE QUALIFIER CODE
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT BASE VALUE RATE
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT CONTROL LIMIT QUALIFIER CODE
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT LOWER CONTROL LIMIT QUANTITY
AWARD-LINE-ITEM-DISCOUNT-DETAIL DISCOUNT UPPER CONTROL LIMIT QUANTITY

is delivered based on

AWARD-LINE-ITEM-DATE-TIME-REFERENCE
AWARD-LINE-ITEM-DATE-TIME-REFERENCE LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-DATE-TIME-REFERENCE QUALIFIER CODE
AWARD-LINE-ITEM-DATE-TIME-REFERENCE DATE
AWARD-LINE-ITEM-DATE-TIME-REFERENCE TIME
AWARD-LINE-ITEM-DATE-TIME-REFERENCE TIME-QUALIFIER CODE
AWARD-LINE-ITEM-DATE-TIME-REFERENCE PERIOD FORMAT QUALIFIER CODE
AWARD-LINE-ITEM-DATE-TIME-REFERENCE PERIOD IDENTIFIER
AWARD-LINE-ITEM-DATE-TIME-REFERENCE CENTURY DATE

is described by

AWARD-LINE-ITEM-MESSAGE
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MESSAGE LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MESSAGE FREE FORM MESSAGE TEXT

contains requirements for

AWARD-LINE-ITEM-ADDITIONAL-ITEM-DETAIL
AWARD-LINE-ITEM-ADDITIONAL-ITEM-DETAIL LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-ADDITIONAL-ITEM-DETAIL CHANGE REASON CODE
AWARD-LINE-ITEM-ADDITIONAL-ITEM-DETAIL QUANTITY
AWARD-LINE-ITEM-ADDITIONAL-ITEM-DETAIL UNIT BASIS MEASUREMENT CODE

is specified with

AWARD-LINE-ITEM-MEASUREMENT
AWARD-LINE-ITEM-MEASUREMENT LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MEASUREMENT QUALIFIER CODE
AWARD-LINE-ITEM-MEASUREMENT REFERENCE IDENTIFICATION CODE
AWARD-LINE-ITEM-MEASUREMENT UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-MEASUREMENT PERIOD UNIT BASIS MEASUREMENT CODE

is described by

AWARD-LINE-ITEM-CONTRACT-INFORMATION
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CONTRACT-INFORMATION LOGICAL IDENTIFIER
AWARD-LINE-ITEM-CONTRACT-INFORMATION TYPE CODE

is identified by

is assigned liability through

AWARD-LINE-ITEM-FREE-ON-BOARD-RELATED-INSTRUCTIONS
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-FREE-ON-BOARD-RELATED-INSTRUCTIONS LOGICAL IDENTIFIER
AWARD-LINE-ITEM-FREE-ON-BOARD-RELATED-INSTRUCTIONS SHIPMENT METHOD PAYMENT CODE
AWARD-LINE-ITEM-FREE-ON-BOARD-RELATED-INSTRUCTIONS LOCATION QUALIFIER CODE
AWARD-LINE-ITEM-FREE-ON-BOARD-RELATED-INSTRUCTIONS ACCEPTANCE LOCATION QUALIFIER CODE

contains requirements for

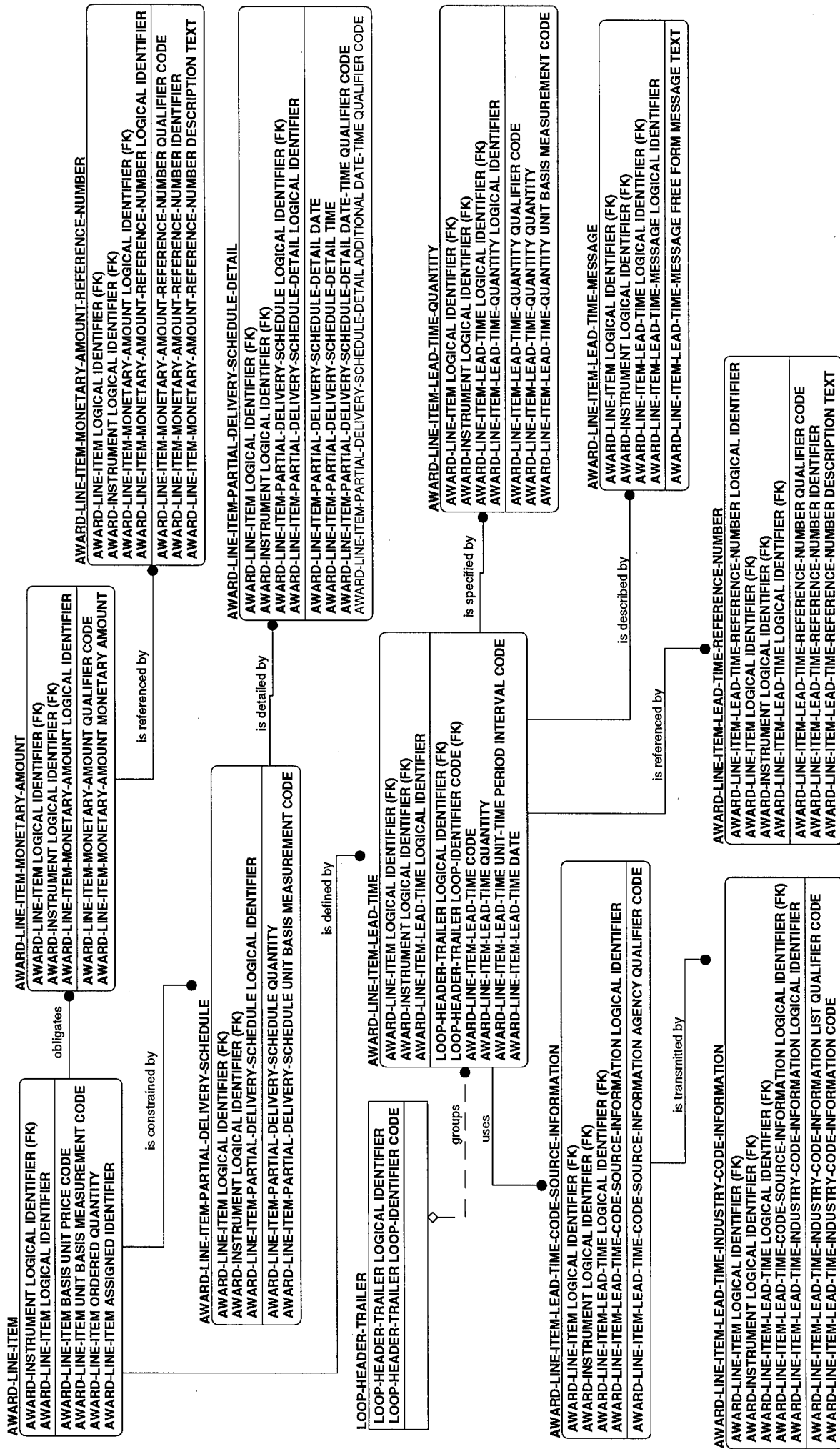
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AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CARRIER-DETAIL-SPECIAL-HANDLING LOGICAL IDENTIFIER
AWARD-LINE-ITEM-CARRIER-DETAIL-SPECIAL-HANDLING CODE
AWARD-LINE-ITEM-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL QUALIFIER CODE
AWARD-LINE-ITEM-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL CLASS IDENTIFIER
AWARD-LINE-ITEM-CARRIER-DETAIL-SPECIAL-HANDLING DESCRIPTION TEXT

contains transportation requirements for

AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE
AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE QUALIFIER CODE
AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFIER
AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE TRANSPORTATION METHOD TYPE CODE
AWARD-LINE-ITEM-CARRIER-DETAIL-ROUTING-SEQUENCE SERVICE LEVEL CODE

AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING ITEM DESCRIPTION TYPE CODE
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING PACKAGING CHARACTERISTIC CODE
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING AGENCY QUALIFIER CODE
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING DESCRIPTION TEXT
AWARD-LINE-ITEM-MARKING-PACKAGING-LOADING PACKAGING DESCRIPTION CODE

ES-05



ES-06

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL

AWARD-INSTRUMENT LOGICAL IDENTIFIER
AWARD-INSTRUMENT TRANSACTION SET PURPOSE CODE
AWARD-INSTRUMENT PURCHASE ORDER TYPE CODE
AWARD-INSTRUMENT PURCHASE ORDER NUMBER IDENTIFIER
AWARD-INSTRUMENT DATE
AWARD-INSTRUMENT ACKNOWLEDGEMENT TYPE CODE
AWARD-INSTRUMENT CONTRACT TYPE CODE
AWARD-INSTRUMENT PURCHASE CATEGORY CODE
AWARD-INSTRUMENT SECURITY LEVEL CODE
TRANSACTION-SET-HEADER-TRAILER TRANSACTION SET CODE (FK)
AWARD-INSTRUMENT RELEASE NUMBER IDENTIFIER
AWARD-INSTRUMENT SMALL BUSINESS CONTRACT-NUMBER IDENTIFIER

contains

AWARD-LINE-ITEM
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM LOGICAL IDENTIFIER
AWARD-LINE-ITEM BASIS UNIT PRICE CODE
AWARD-LINE-ITEM UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM ORDERED QUANTITY
AWARD-LINE-ITEM ASSIGNED IDENTIFIER

uses

AWARD-LINE-ITEM-CODE-SOURCE-INDUSTRY-CODE
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CODE-SOURCE-INDUSTRY-CODE
AWARD-LINE-ITEM-CODE-SOURCE-INDUSTRY-CODE

is transmitted by

AWARD-LINE-ITEM-INDUSTRY-CODE-INDUSTRY-CODE
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CODE-SOURCE-INDUSTRY-CODE
AWARD-LINE-ITEM-INDUSTRY-CODE-INDUSTRY-CODE
AWARD-LINE-ITEM-INDUSTRY-CODE-INDUSTRY-CODE

is associated with

AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT FUNCTION CODE
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT NAME
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT INQUIRY REFERENCE IDENTIFIER

can be reached through

AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER QUALIFIER CODE
AWARD-LINE-ITEM-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER TEXT

is referenced by

AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER LOGICAL IDENTIFIER
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER QUALIFIER CODE
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER IDENTIFIER
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER FREE FORM DESCRIPTION TEXT
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER DATE

is described by

AWARD-LINE-ITEM-CONTRACTUAL-MESSAGE
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CONTRACTUAL-REFERENCE-NUMBER LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-CONTRACTUAL-MESSAGE LOGICAL IDENTIFIER
AWARD-LINE-ITEM-CONTRACTUAL-MESSAGE FREE FORM MESSAGE TEXT

is sent to

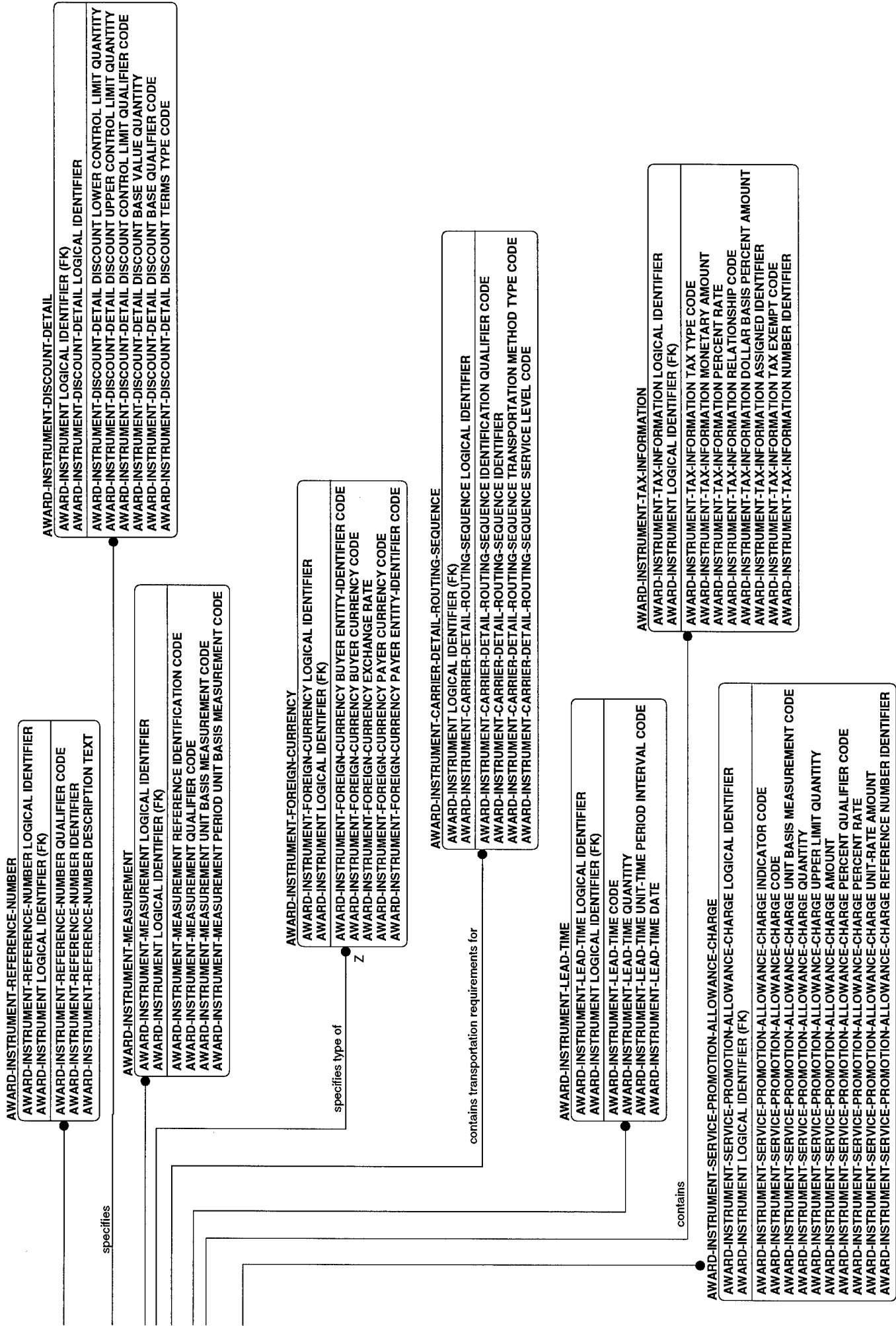
AWARD-LINE-ITEM-DESTINATION-QUANTITY
AWARD-LINE-ITEM-DESTINATION-QUANTITY LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-DESTINATION-QUANTITY UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-DESTINATION-QUANTITY IDENTIFICATION QUALIFIER CODE

is detailed in

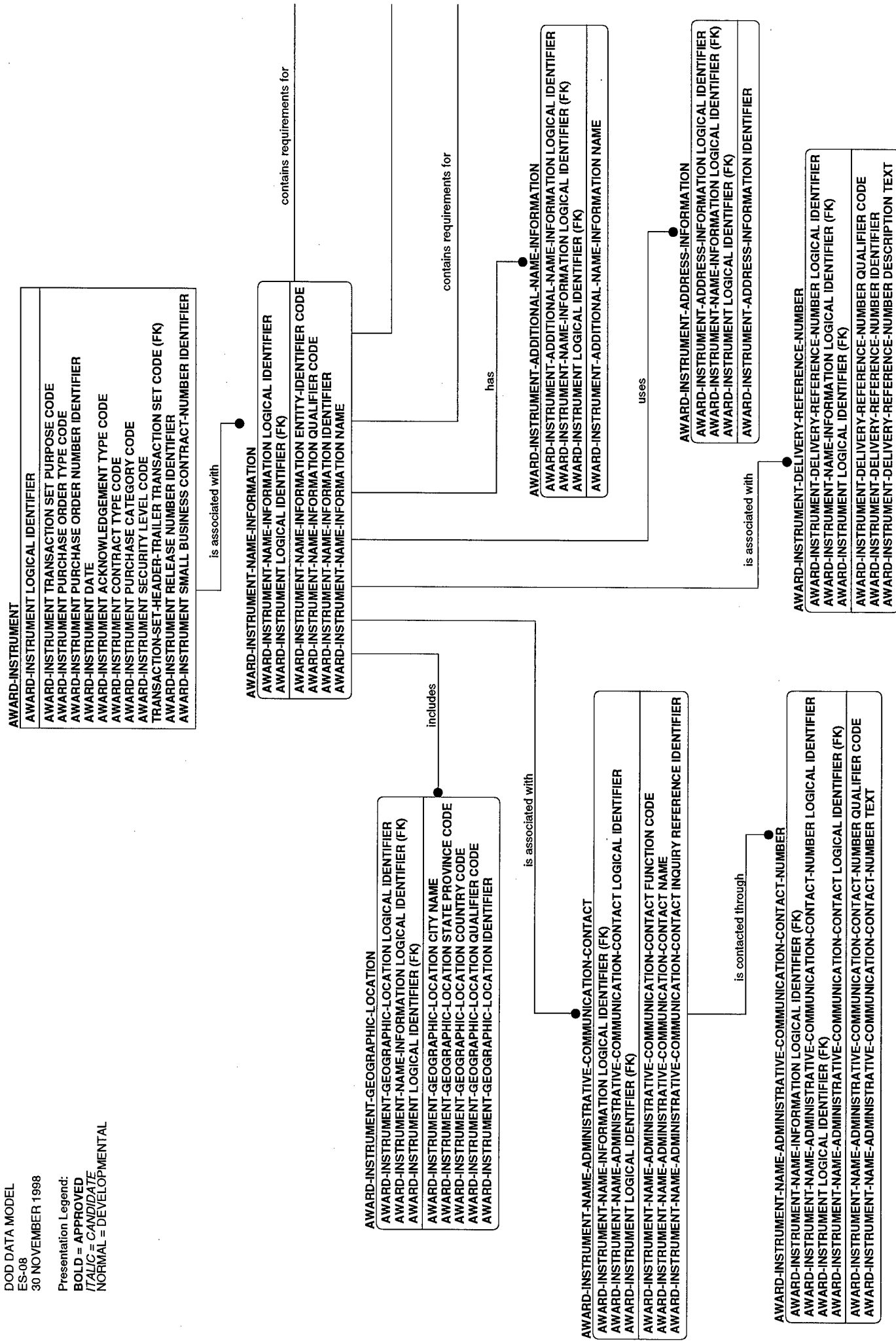
AWARD-LINE-ITEM-DESTINATION-QUANTITY-DETAIL
AWARD-LINE-ITEM-DESTINATION-QUANTITY-DETAIL LOGICAL IDENTIFIER
AWARD-LINE-ITEM LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-DESTINATION-QUANTITY LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-DESTINATION-QUANTITY-DETAIL IDENTIFIER
AWARD-LINE-ITEM-DESTINATION-QUANTITY-DETAIL QUANTITY

ES-07





ES-08



AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING
AWARD-INSTRUMENT-NAME-INFO-RMATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING LOGICAL IDENTIFIER
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING CODE
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL QUALIFIER CODE
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL CLASS IDENTIFIER
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-SPECIAL-HANDLING DESCRIPTION TEXT

contains transportation requirements for

AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE
AWARD-INSTRUMENT-NAME-INFO-RMATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE LOGICAL IDENTIFIER
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE QUALIFIER CODE
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFIER
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE TRANSPORTATION METHOD TYPE CODE
AWARD-INSTRUMENT-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE SERVICE LEVEL CODE

AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING LOGICAL IDENTIFIER
AWARD-INSTRUMENT-NAME-INFO-RMATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING ITEM DESCRIPTION TYPE CODE
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING PACKAGING CHARACTERISTIC CODE
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING AGENCY QUALIFIER CODE
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING PACKAGING DESCRIPTION CODE
AWARD-INSTRUMENT-NAME-MARKING-PACKAGING-LOADING DESCRIPTION TEXT

ES-09

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

AWARD-LINE-ITEM-MODIFICATION

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION BASIS UNIT PRICE CODE
AWARD-LINE-ITEM-MODIFICATION UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-MODIFICATION REMAINING QUANTITY
AWARD-LINE-ITEM-MODIFICATION ORDERED QUANTITY
AWARD-LINE-ITEM-MODIFICATION RESPONSE TYPE CODE
AWARD-LINE-ITEM-MODIFICATION ASSIGNED IDENTIFIER

contains

AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION

AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION ENTITY-IDENTIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION NAME
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION IDENTIFICATION QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION IDENTIFIER

contains

AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-NAME-INFORMATION

AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION NAME

AWARD-LINE-ITEM-MODIFICATION-ADDRESS-INFORMATION

AWARD-LINE-ITEM-MODIFICATION-ADDRESS-INFORMATION LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-ADDRESS-INFORMATION IDENTIFIER

uses

is delivered according to

AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE

AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE QUANTITY

is detailed in

AWARD-LINE-ITEM-MOD-NAME-PARTIAL-DELIVERY-SCHEDULE-DETAIL

AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE-DETAIL LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE-DETAIL DATE-TIME QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE-DETAIL DATE
AWARD-LINE-ITEM-MODIFICATION-NAME-PARTIAL-DELIVERY-SCHEDULE-DETAIL TIME

is packaged according to

is routed according to

has delivery identified by

AWARD-LINE-ITEM-MODIFICATION-NAME-REFERENCE-NUMBER

AWARD-LINE-ITEM-MODIFICATION-NAME-REFERENCE-NUMBER LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-REFERENCE-NUMBER QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-REFERENCE-NUMBER DESCRIPTION TEXT

is located in

Z

AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION

AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION CITY NAME
AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION STATE PROVINCE CODE
AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION COUNTRY CODE
AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-GEOGRAPHIC-LOCATION IDENTIFIER

AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING

AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING ITEM DESCRIPTION TYPE CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING PACKAGING CHARACTERISTIC CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING AGENCY QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING DESCRIPTION CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-MARKING-PACKAGING-LOADING DESCRIPTION TEXT

AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING

AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL CLASS IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-SPECIAL-HANDLING DESCRIPTION TEXT

is handled according to

provides

AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE

AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFICATION QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE TRANSPORTATION METHOD TYPE CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-CARRIER-DETAIL-ROUTING-SEQUENCE SERVICE LEVEL CODE

AWARD-LINE-ITEM-MOD-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT

AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT FUNCTION CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT NAME
AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT INQUIRY REFERENCE IDENTIFIER

is contacted through

AWARD-LINE-ITEM-MOD-NAME-ADMIN-COMMUNICATION-CONTACT-NUMBER

AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-ADMINISTRATIVE-COMMUNICATION-CONTACT-NUMBER QUALIFIER CODE

AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME QUANTITY
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME UNIT PERIOD INTERVAL CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME DATE

specifies availability for

AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-QUANTITY
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-QUANTITY LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME QUANTITY QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-QUANTITY QUANTITY
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-QUANTITY UNIT BASIS MEASUREMENT CODE

is explained in

Z

AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MESSAGE
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MESSAGE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MESSAGE FREE FORM MESSAGE TEXT

is referenced by

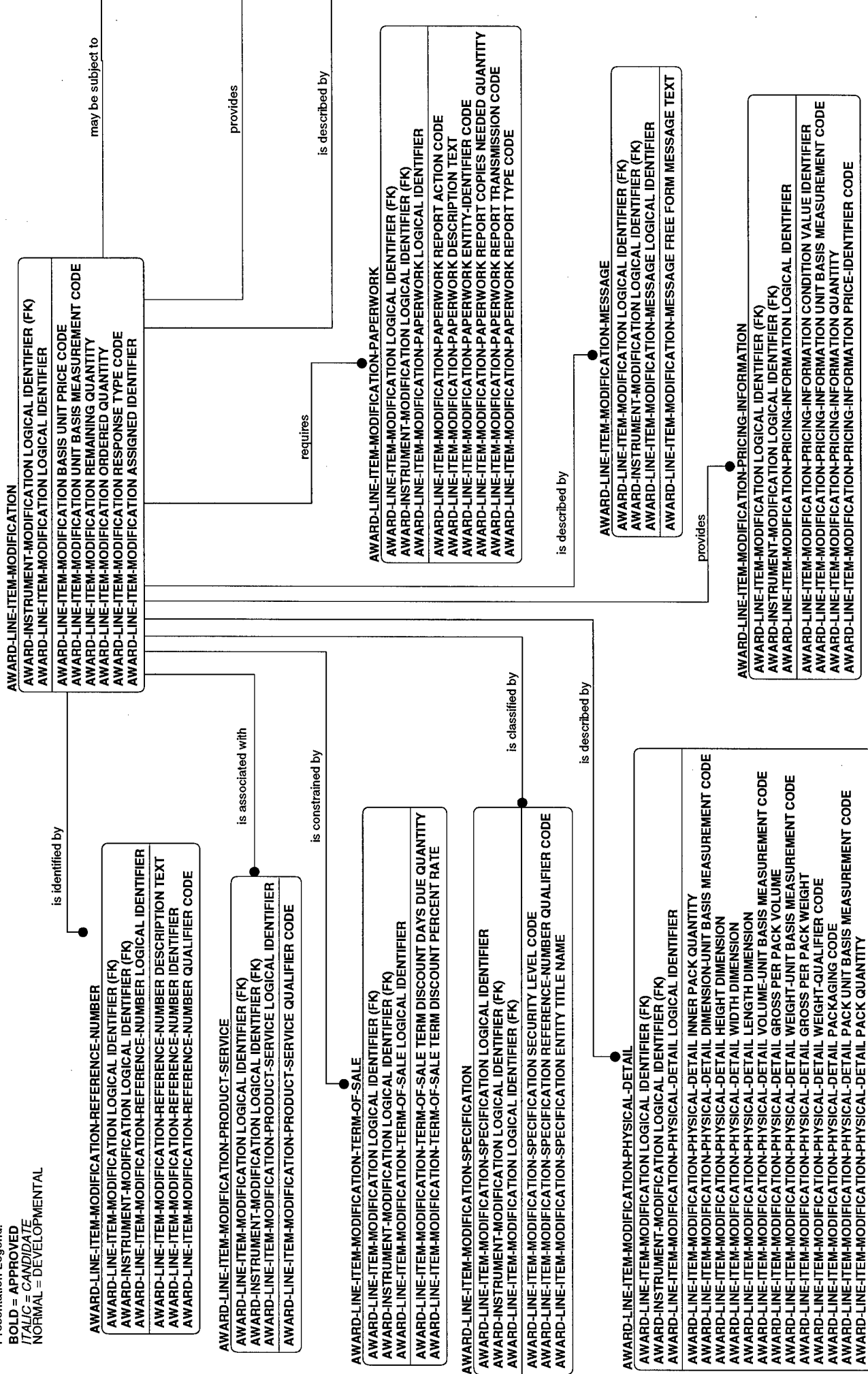
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-REFERENCE-NUMBER
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-REFERENCE-NUMBER LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-REFERENCE-NUMBER QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-REFERENCE-NUMBER DESCRIPTION TEXT

is shipped according to

AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MARK-NUMBER
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MARK-NUMBER LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-NAME-LEAD-TIME-MARK-NUMBER QUALIFIER CODE

ES-10

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE

AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UPPER LIMIT QUANTITY
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE QUANTITY
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UNIT RATE AMOUNT
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE PERCENT RATE
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE PERCENT QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE AMOUNT
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE CODE
AWARD-LINE-ITEM-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE INDICATOR CODE

Z

AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION

AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION TAX TYPE CODE
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION MONETARY AMOUNT
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION PERCENT RATE
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION TAX EXEMPT CODE
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION RELATIONSHIP CODE
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION DOLLAR BASIS PERCENT AMOUNT
AWARD-LINE-ITEM-MODIFICATION-TAX-INFORMATION ASSIGNED IDENTIFIER

Z

AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION

AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION TEXT
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION PRODUCT DESCRIPTION CODE
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION AGENCY QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION PRODUCT CHARACTERISTIC CODE
AWARD-LINE-ITEM-MODIFICATION-PRODUCT-ITEM-DESCRIPTION TYPE CODE

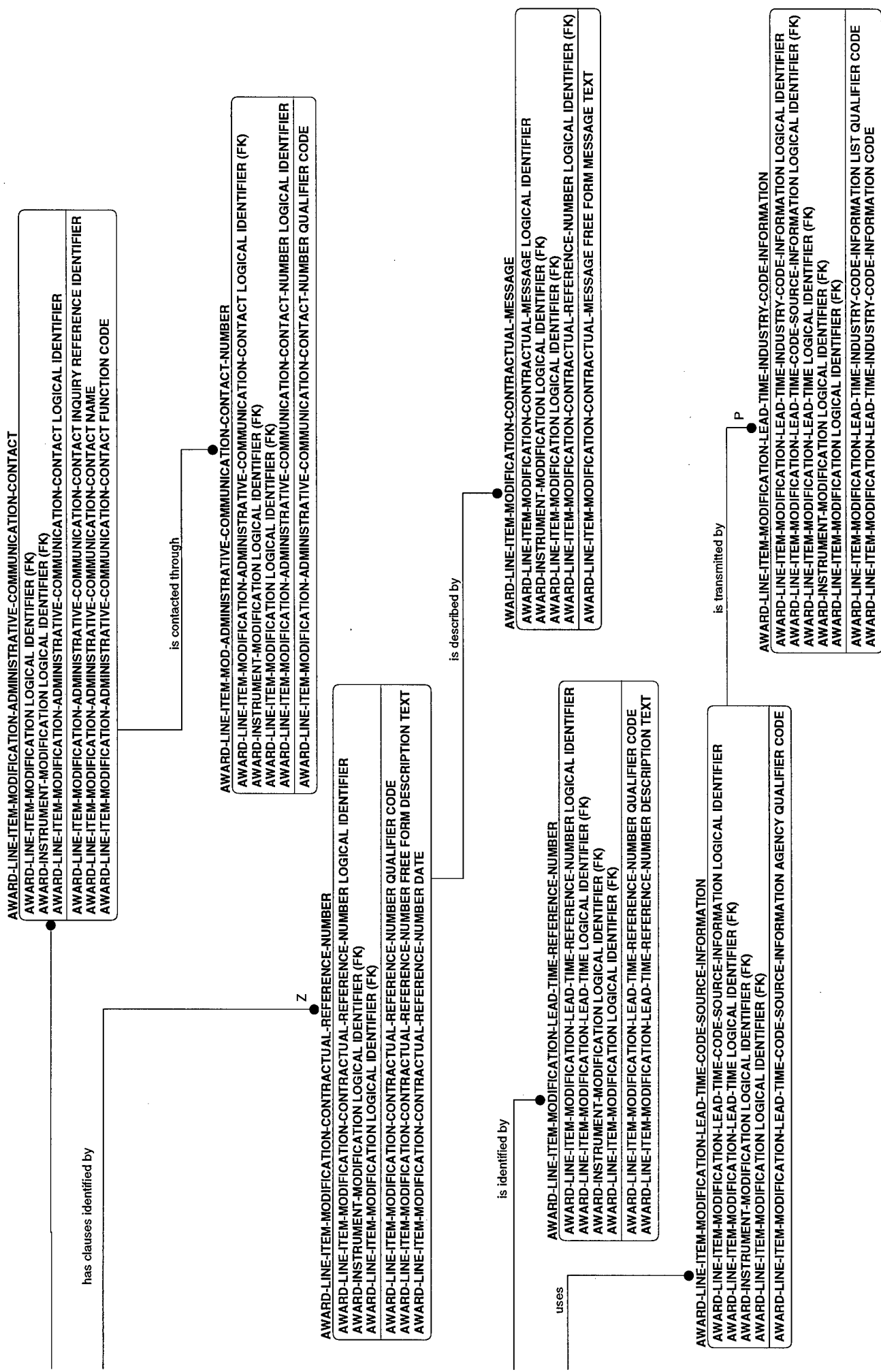
ES-11

AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-ITEM-DETAIL
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-ITEM-DETAIL LOGICAL IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-ITEM-DETAIL UNIT BASIS MEASUREMENT CODE
AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-ITEM-DETAIL QUANTITY
AWARD-LINE-ITEM-MODIFICATION-ADDITIONAL-ITEM-DETAIL CHANGE REASON CODE

AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING CODE
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL CLASS IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING DESCRIPTION TEXT

AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFICATION QUALIFIER CODE
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE IDENTIFIER
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE TRANSPORTATION METHOD TYPE CODE
AWARD-LINE-ITEM-MODIFICATION-CARRIER-DETAIL-ROUTING-SEQUENCE SERVICE LEVEL CODE

ES-12



ES-13

AWARD-INSTRUMENT-MODIFICATION
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION DATE
AWARD-INSTRUMENT-MODIFICATION PURCHASE CATEGORY CODE
AWARD-INSTRUMENT-MODIFICATION TRANSACTION TYPE CODE
AWARD-INSTRUMENT-MODIFICATION ACKNOWLEDGEMENT TYPE CODE
AWARD-INSTRUMENT-MODIFICATION SECURITY LEVEL CODE
AWARD-INSTRUMENT-MODIFICATION CONTRACT TYPE CODE
AWARD-INSTRUMENT-MODIFICATION EFFECTIVE DATE
AWARD-INSTRUMENT-MODIFICATION RESPONSE DATE
AWARD-INSTRUMENT-MODIFICATION PURCHASE ORDER TYPE CODE
AWARD-INSTRUMENT-MODIFICATION TRANSACTION SET PURPOSE CODE
AWARD-INSTRUMENT LOGICAL IDENTIFIER (FK)
TRANSACTION-SET-HEADER-TRAILER TRANSACTION SET CODE (FK)

provides

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION FACILITY SECURITY LEVEL CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION REPORT TYPE CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION TRANSACTION SET PURPOSE CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION REFERENCE NUMBER QUALIFIER CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION DATA SECURITY LEVEL CODE

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-MESSAGE

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-MESSAGE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-MESSAGE FREE FORM MESSAGE TEXT

is explained in

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-REFERENCE-NUMBER

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-REFERENCE-NUMBER LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-REFERENCE-NUMBER IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-REFERENCE-NUMBER QUALIFIER CODE

is defined by

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-DATE-TIME-REFERENCE

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-DATE-TIME-REFERENCE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-DATE-TIME-REFERENCE DATE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-DATE-TIME-REFERENCE QUALIFIER CODE

is applicable within

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION QUALIFIER CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION NAME
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION ENTITY-IDENTIFIER CODE

is associated with

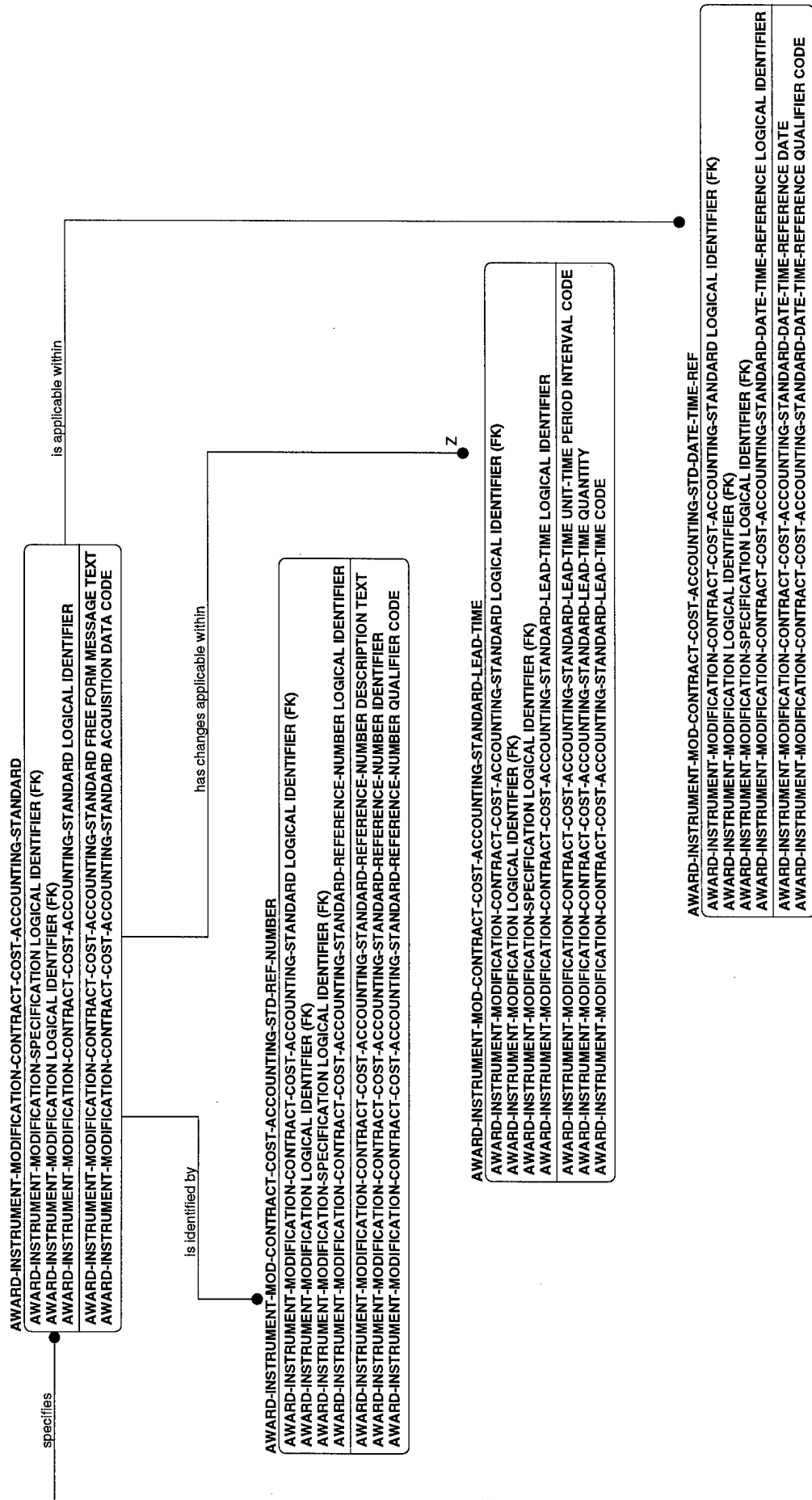
is associated with

is located in

Z

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-INFORMATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION QUALIFIER CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION COUNTRY CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION STATE PROVINCE CODE
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-GEOGRAPHIC-LOCATION CITY NAME



AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-MESSAGE

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-MESSAGE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-MESSAGE FREE FORM MESSAGE TEXT

is explained in

has

AWARD-INSTRUMENT-MOD-SPECIFICATION-ADDITIONAL-NAME-INFORMATION

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-ADDITIONAL-NAME-INFORMATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-ADDITIONAL-NAME-INFORMATION NAME

uses

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-ADDRESS-INFORMATION

AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-LOGICAL IDENTIFIER (FK)
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AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-ADDRESS-INFORMATION IDENTIFIER

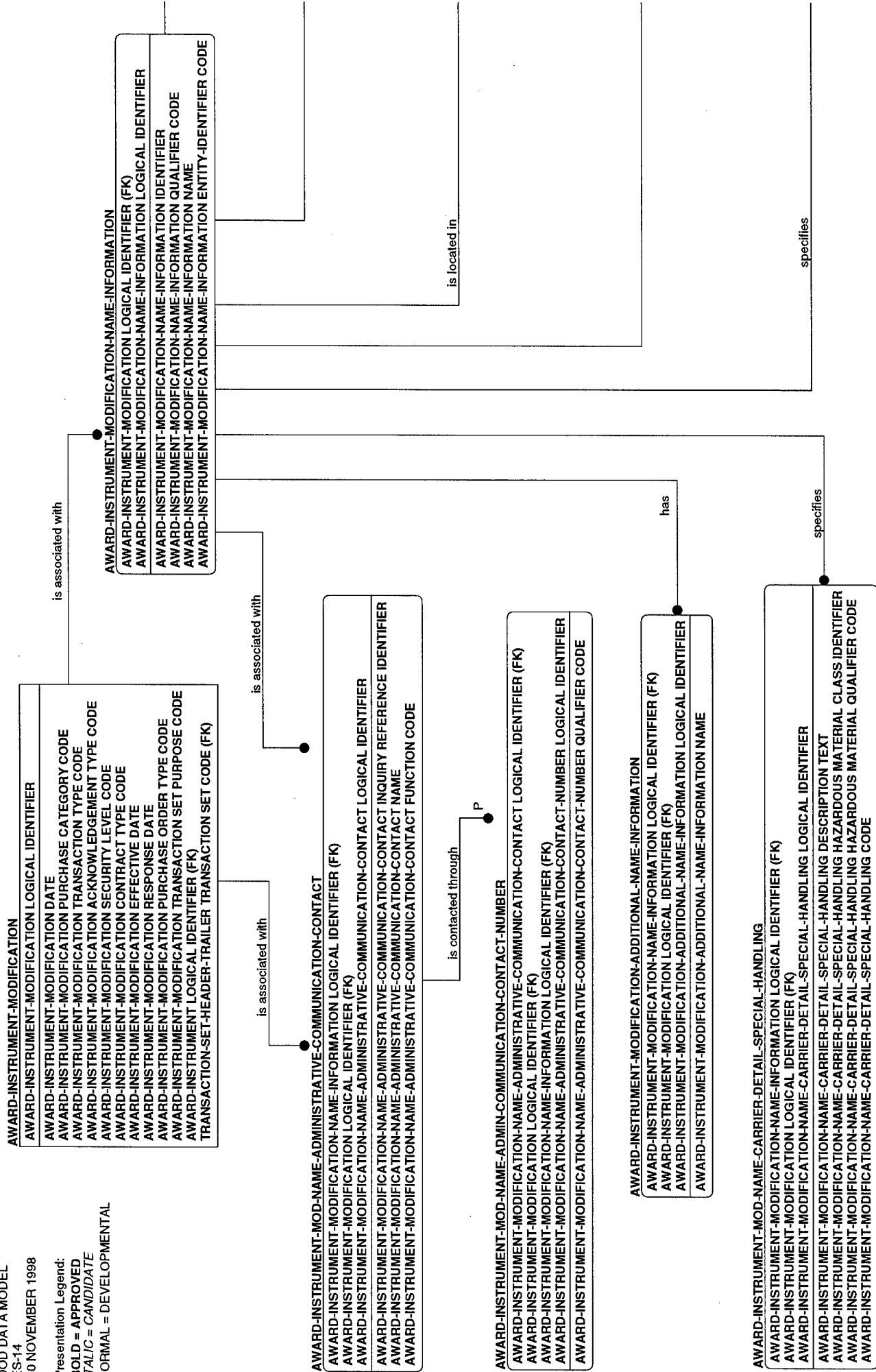
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AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-NAME-LOGICAL IDENTIFIER (FK)
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AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-CONTACT LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-CONTACT INQUIRY REFERENCE IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-CONTACT COMMUNICATION NUMBER QUALIFIER CODE
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AWARD-INSTRUMENT-MODIFICATION-SPECIFICATION-CONTACT FUNCTION CODE

z

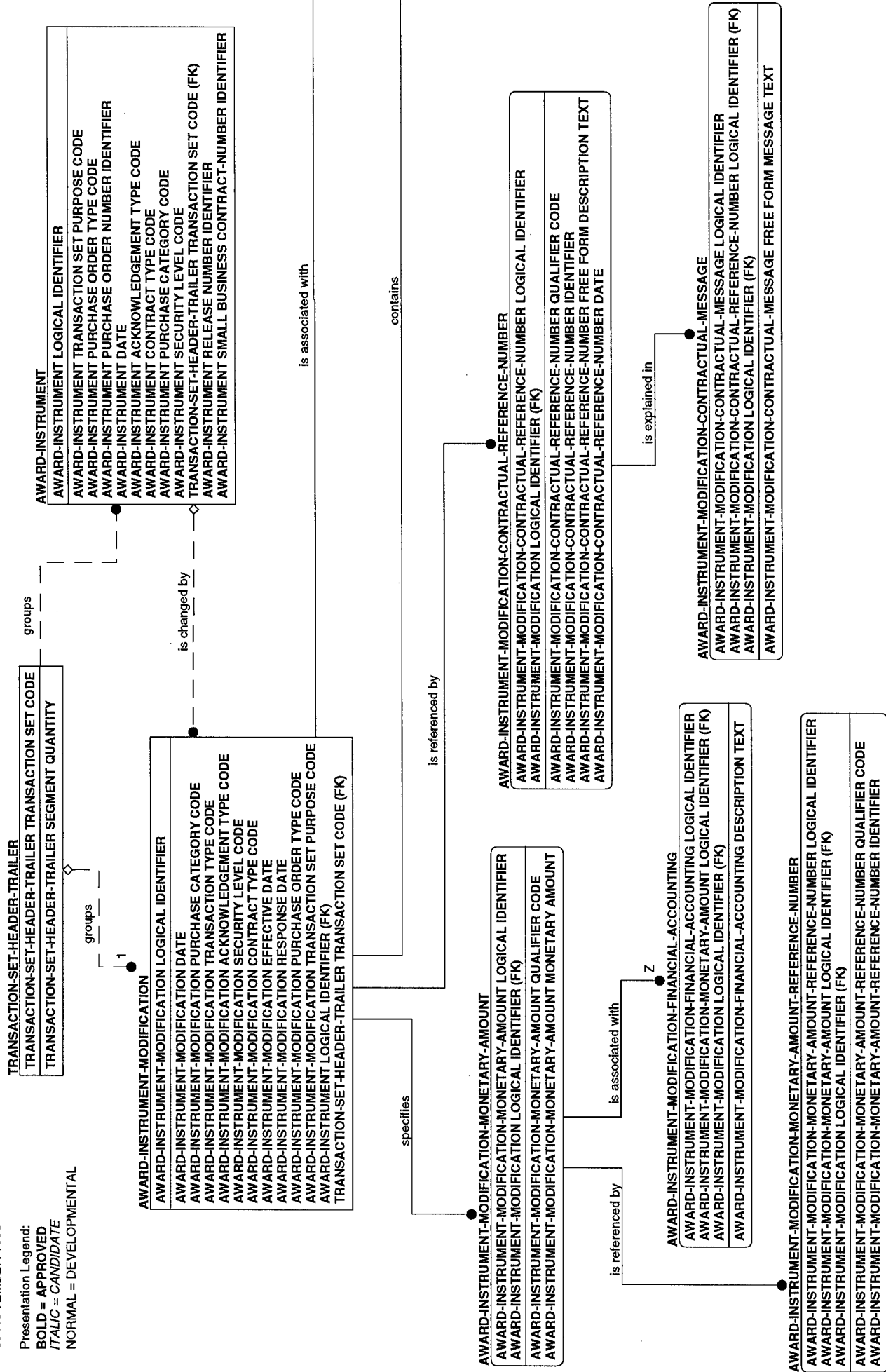
is associated with

ES-14



ES-15

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



ES-16



is assigned liability through

specifies

is subject to

AWARD-INSTRUMENT-MODIFICATION-FREE-ON-BOARD-RELATED-INSTRUCTION

AWARD-INSTRUMENT-MODIFICATION-FREE-ON-BOARD-RELATED-INSTRUCTION LOGICAL IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)

AWARD-INSTRUMENT-MODIFICATION-FREE-ON-BOARD-RELATED-INSTRUCTION SHIPMENT METHOD PAYMENT CODE

AWARD-INSTRUMENT-MODIFICATION-FREE-ON-BOARD-RELATED-INSTRUCTION LOCATION QUALIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-FREE-ON-BOARD-RELATED-INSTRUCTION ACCEPTANCE LOCATION QUALIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY LOGICAL IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY BUYER ENTITY-IDENTIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY BUYER CURRENCY CODE

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY EXCHANGE RATE

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY PAYER ENTITY-IDENTIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-FOREIGN-CURRENCY PAYER CURRENCY CODE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE LOGICAL IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE INDICATOR CODE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE CODE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE AMOUNT

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE PERCENT QUALIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE PERCENT RATE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UNIT-RATE AMOUNT

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UNIT BASIS MEASUREMENT CODE

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE QUANTITY

AWARD-INSTRUMENT-MODIFICATION-SERVICE-PROMOTION-ALLOWANCE-CHARGE UPPER LIMIT QUANTITY

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT LOGICAL IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT REFERENCE IDENTIFICATION CODE

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT QUALIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT QUANTITY-UNIT BASIS MEASUREMENT CODE

AWARD-INSTRUMENT-MODIFICATION-MEASUREMENT TIME-UNIT BASIS MEASUREMENT CODE

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING LOGICAL IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING CODE

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL QUALIFIER CODE

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING HAZARDOUS MATERIAL CLASS IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION-CARRIER-DETAIL-SPECIAL-HANDLING DESCRIPTION TEXT

has delivery time based upon

requires

must follow

AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE
AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE QUALIFIER CODE
AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE DATE
AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE TIME
AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE TIME-QUALIFIER CODE
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AWARD-INSTRUMENT-MODIFICATION-DATE-TIME-REFERENCE PERIOD IDENTIFIER

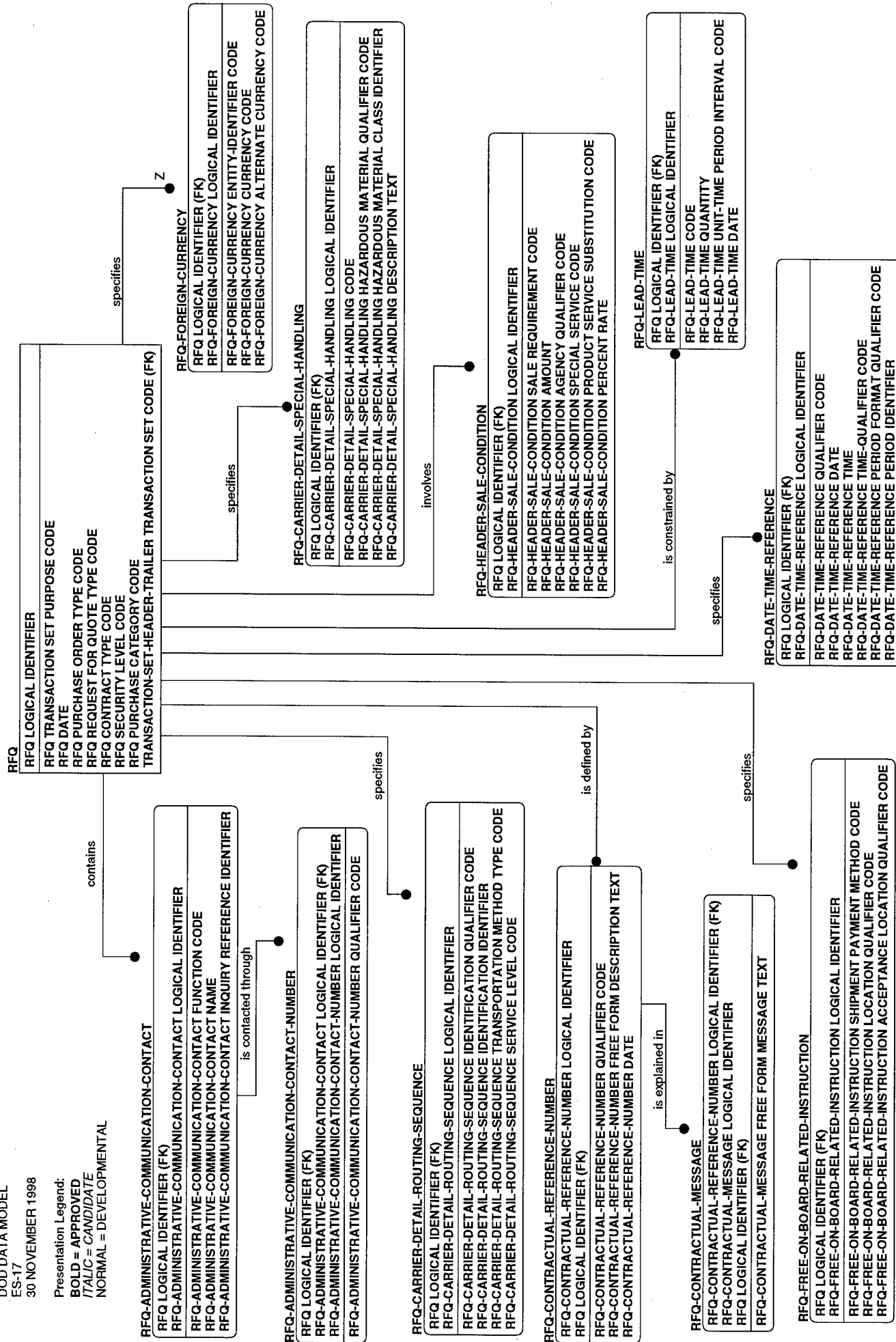
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION TAX TYPE CODE
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION MONETARY AMOUNT
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION PERCENT RATE
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION TAX EXEMPT CODE
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION RELATIONSHIP CODE
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION DOLLAR BASIS PERCENT AMOUNT
AWARD-INSTRUMENT-MODIFICATION-TAX-INFORMATION ASSIGNED IDENTIFIER

AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING

AWARD-INSTRUMENT-MODIFICATION LOGICAL IDENTIFIER (FK)
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING LOGICAL IDENTIFIER
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING ITEM DESCRIPTION TYPE CODE
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING PACKAGING CHARACTERISTIC CODE
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING AGENCY QUALIFIER CODE
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING PACKAGING DESCRIPTION CODE
AWARD-INSTRUMENT-MODIFICATION-MARKING-PACKAGING-LOADING DESCRIPTION TEXT

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Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



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DOD DATA MODEL

ES-18

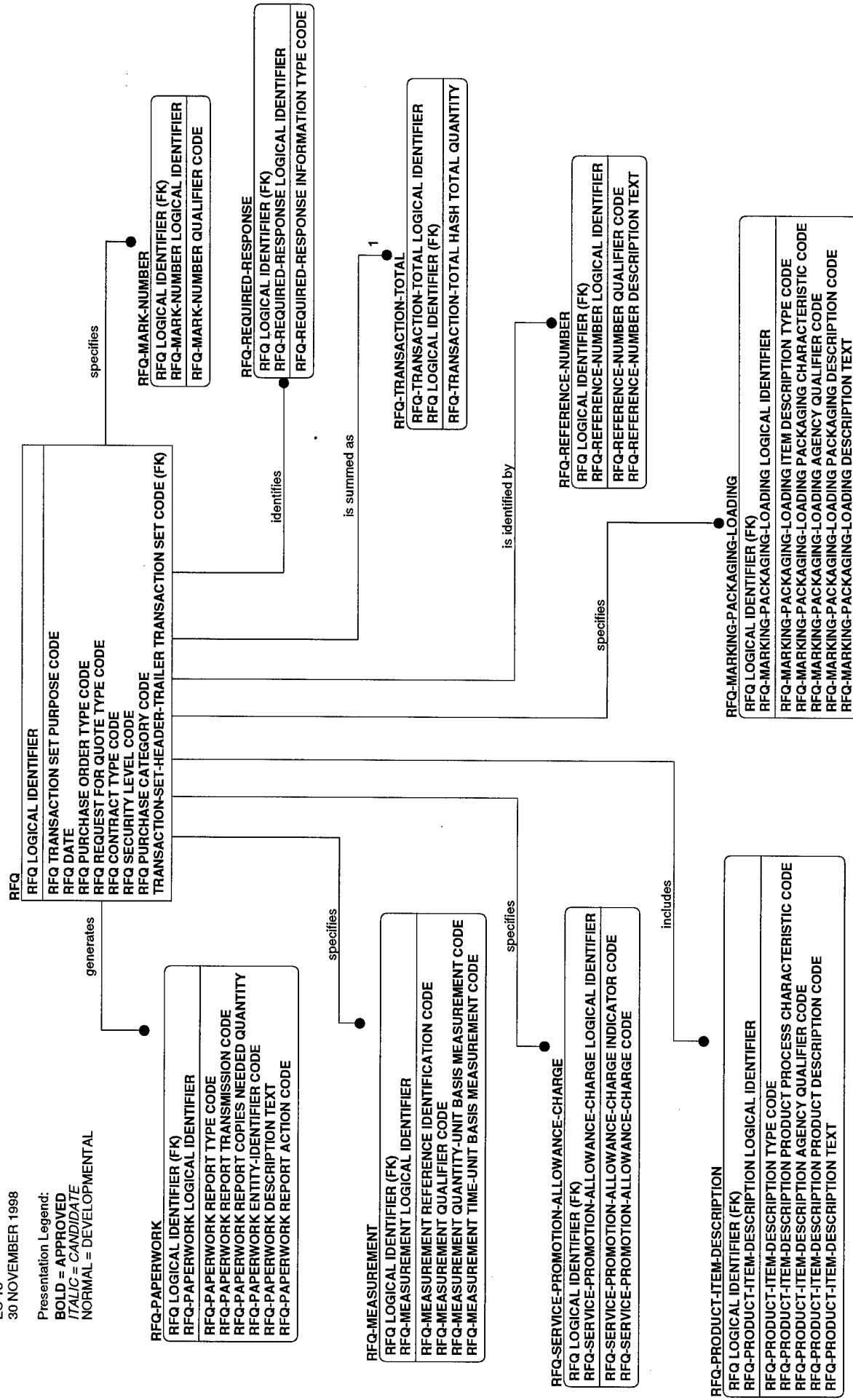
30 NOVEMBER 1998

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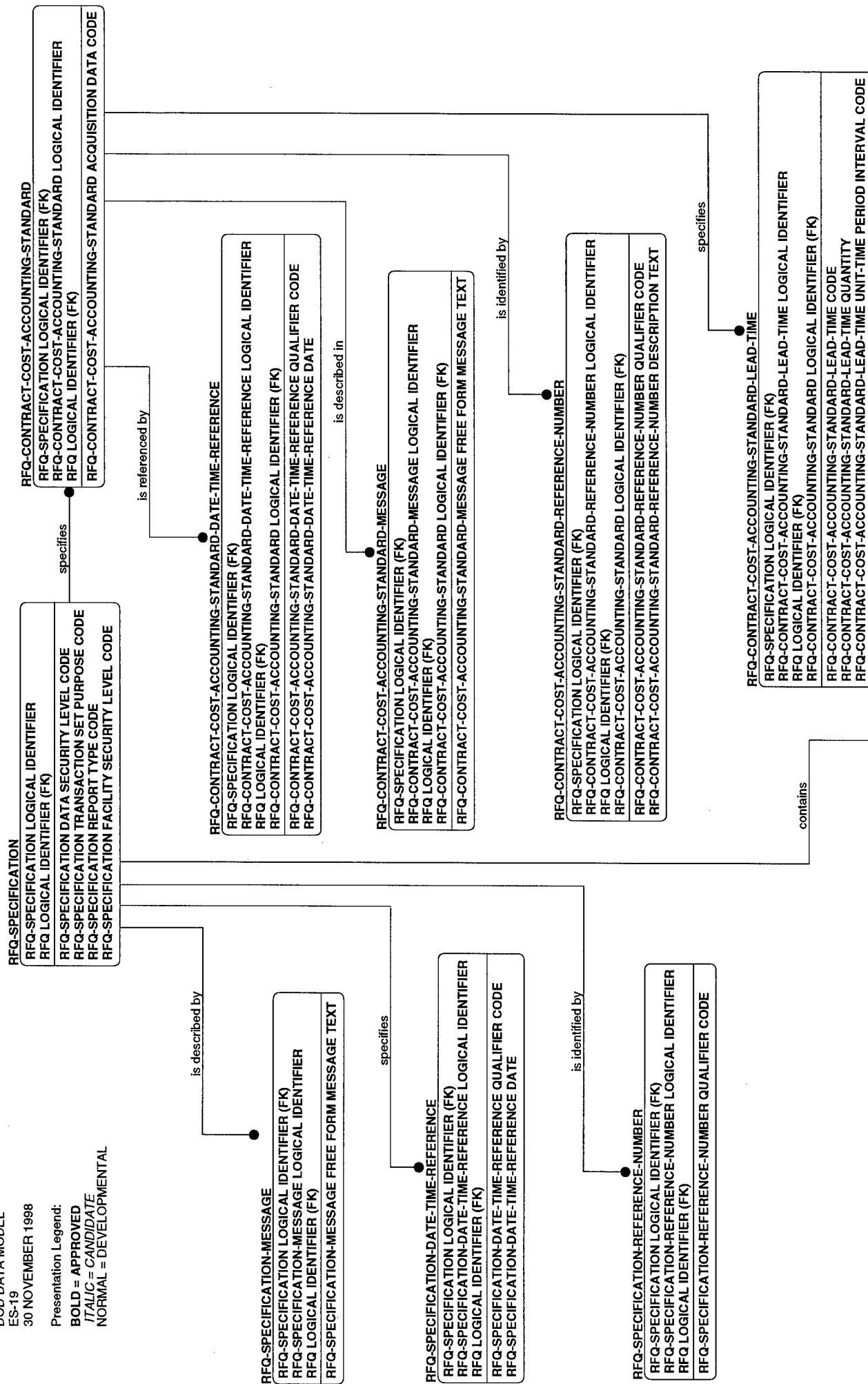
BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

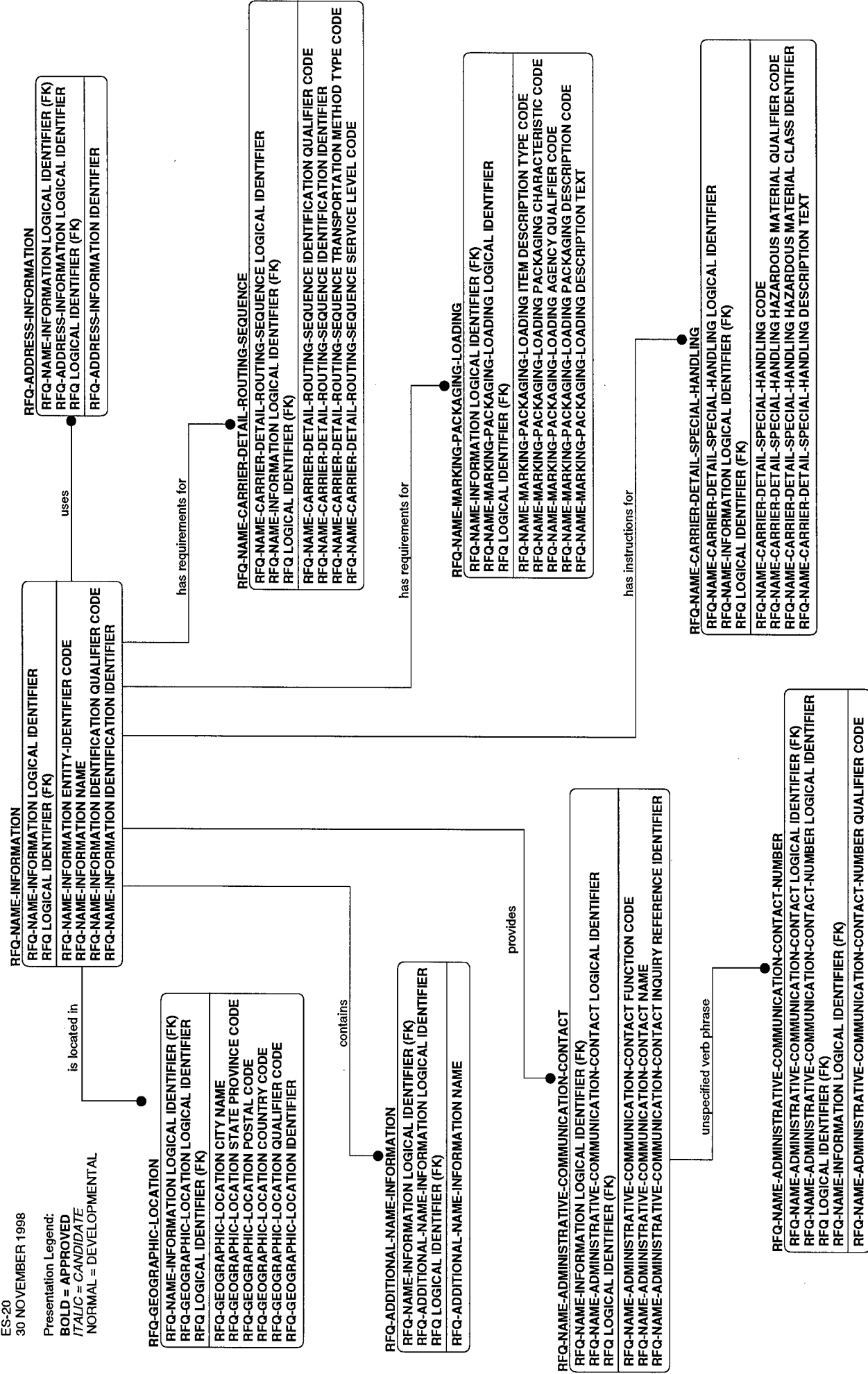


ES-19

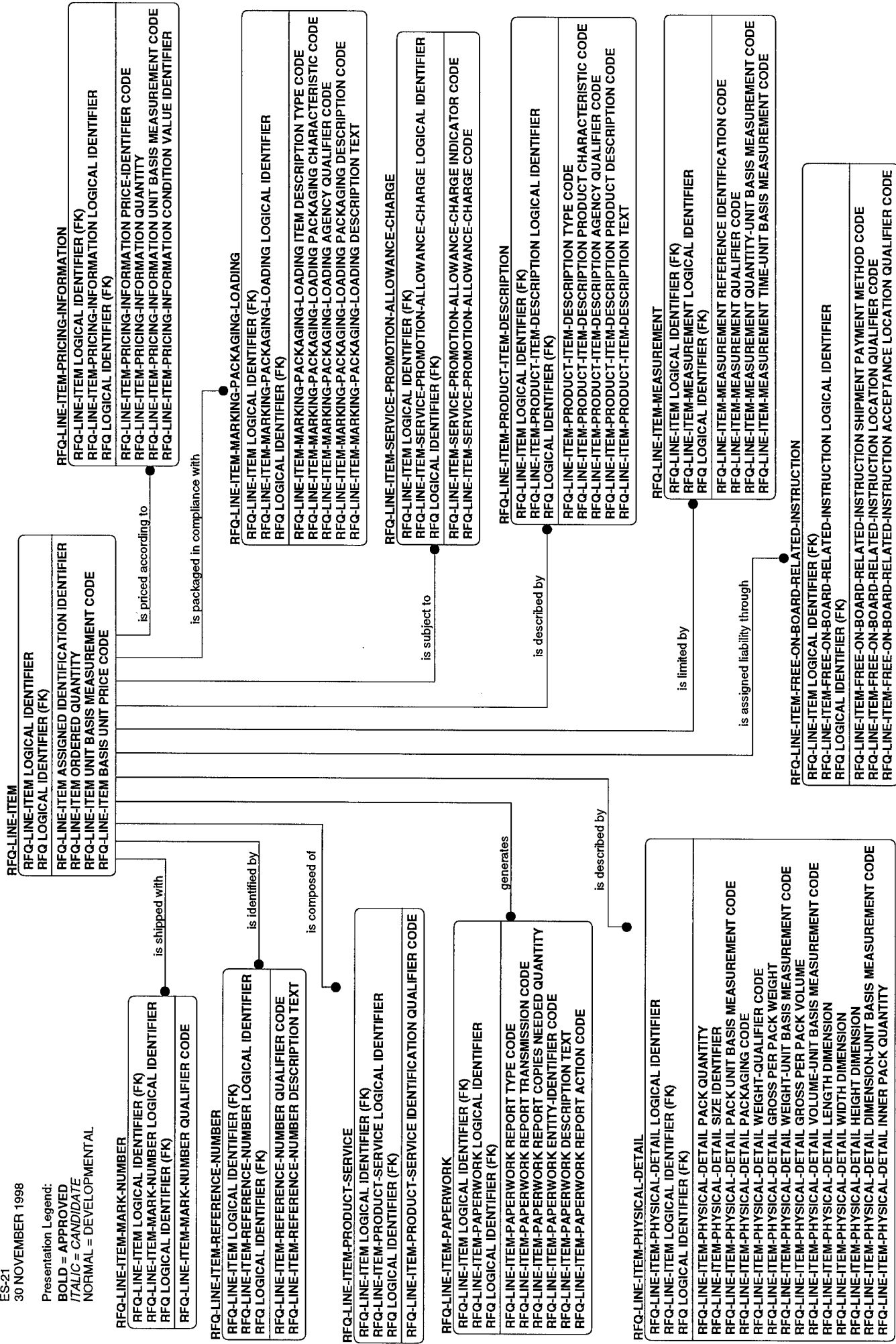




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ES-21



ES-22

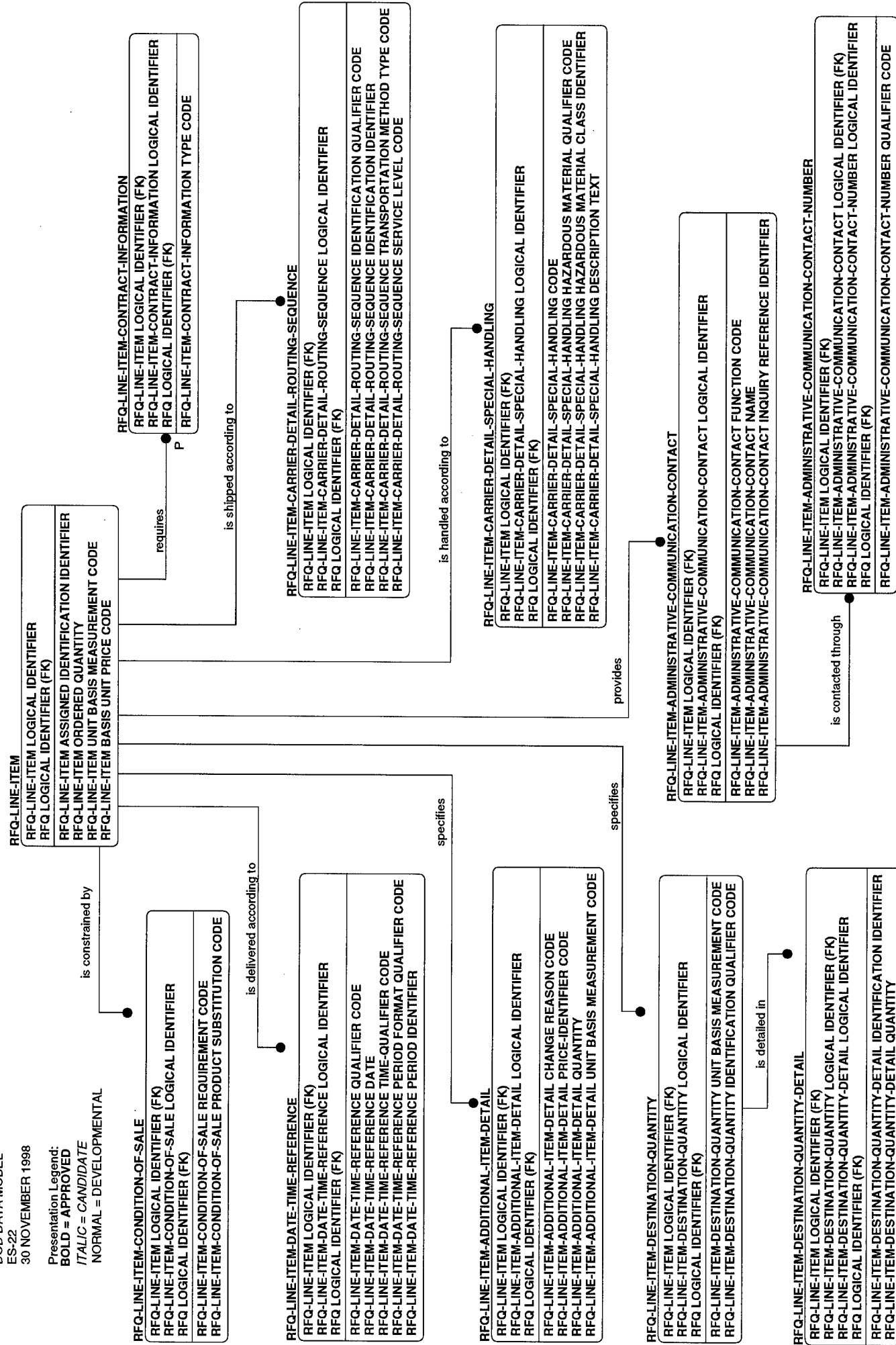
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30 NOVEMBER 1998

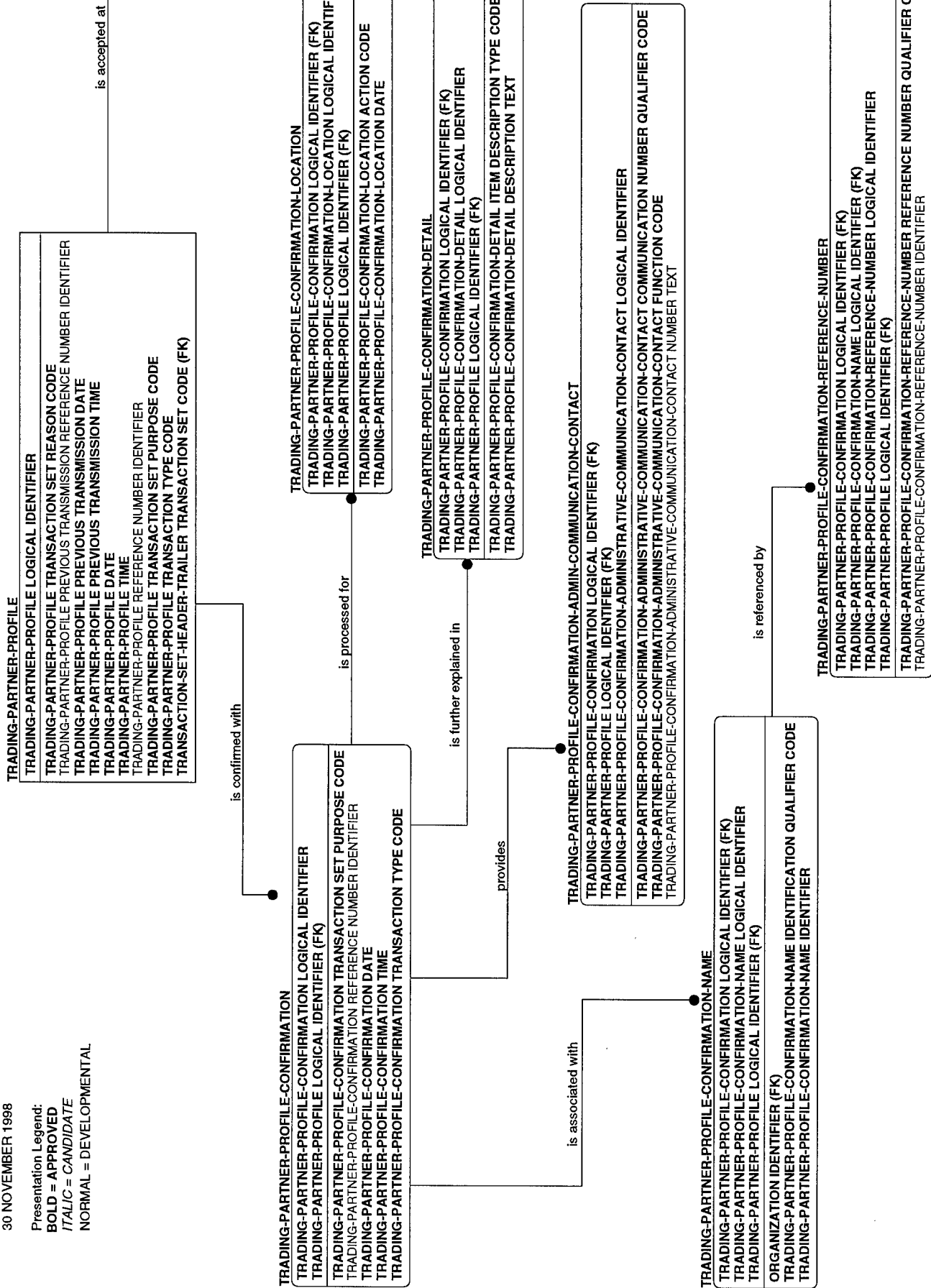
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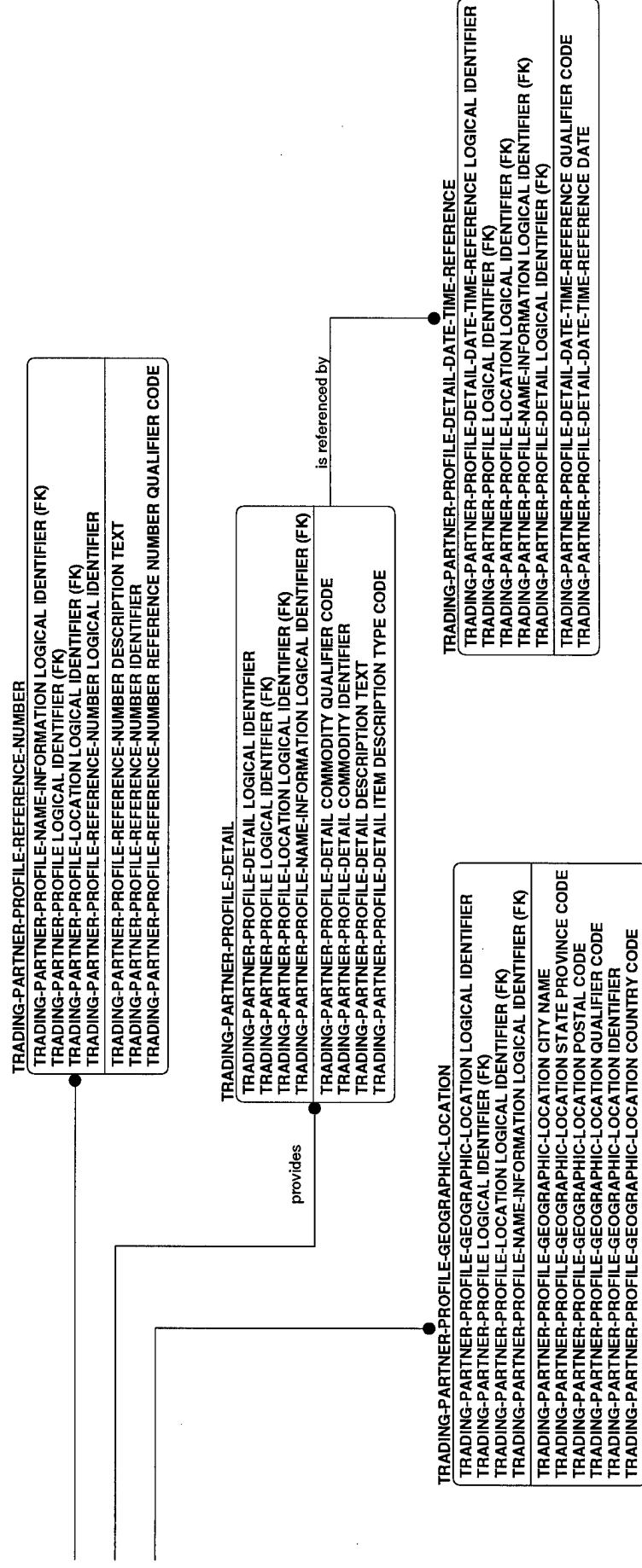
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ES-23

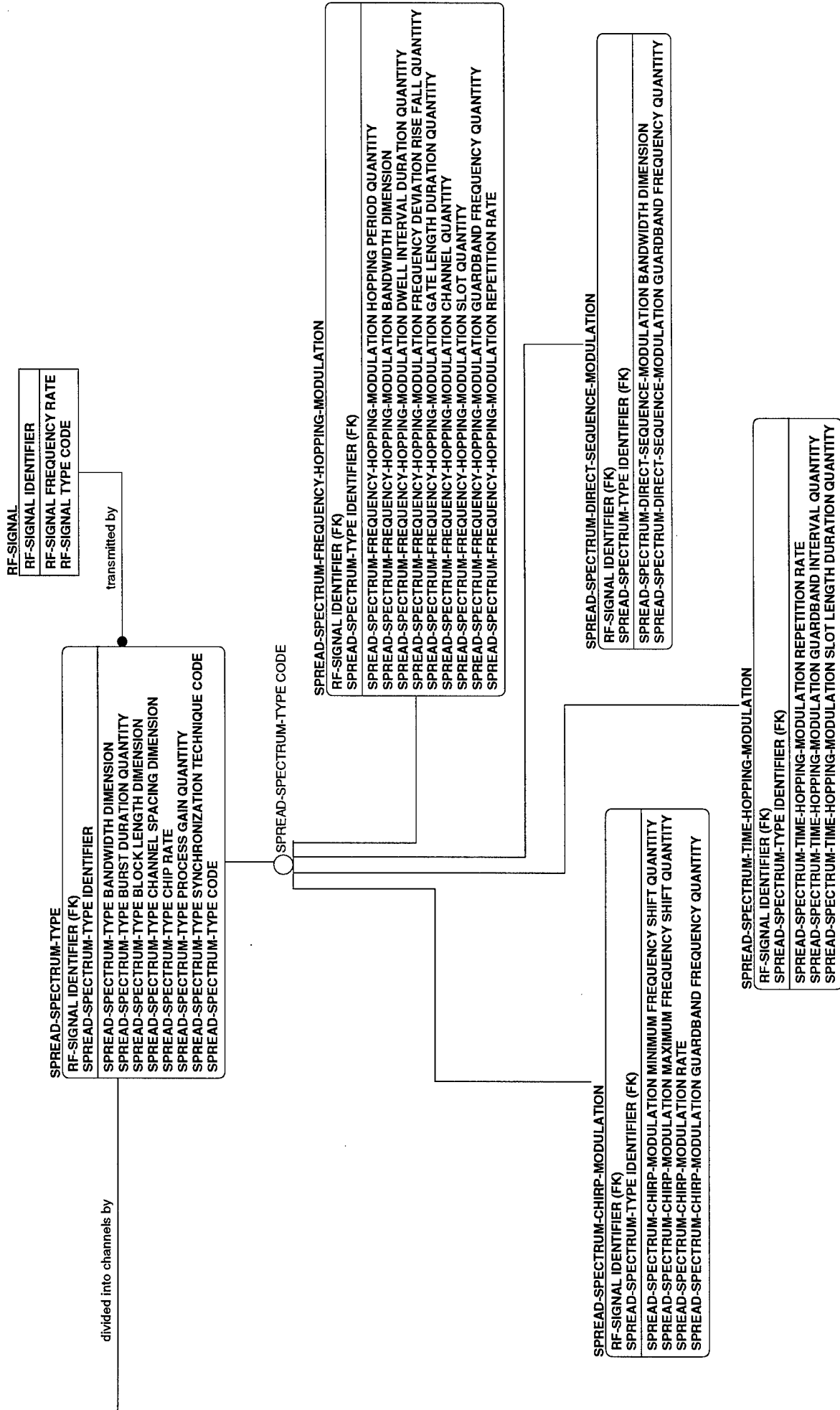


ES-24



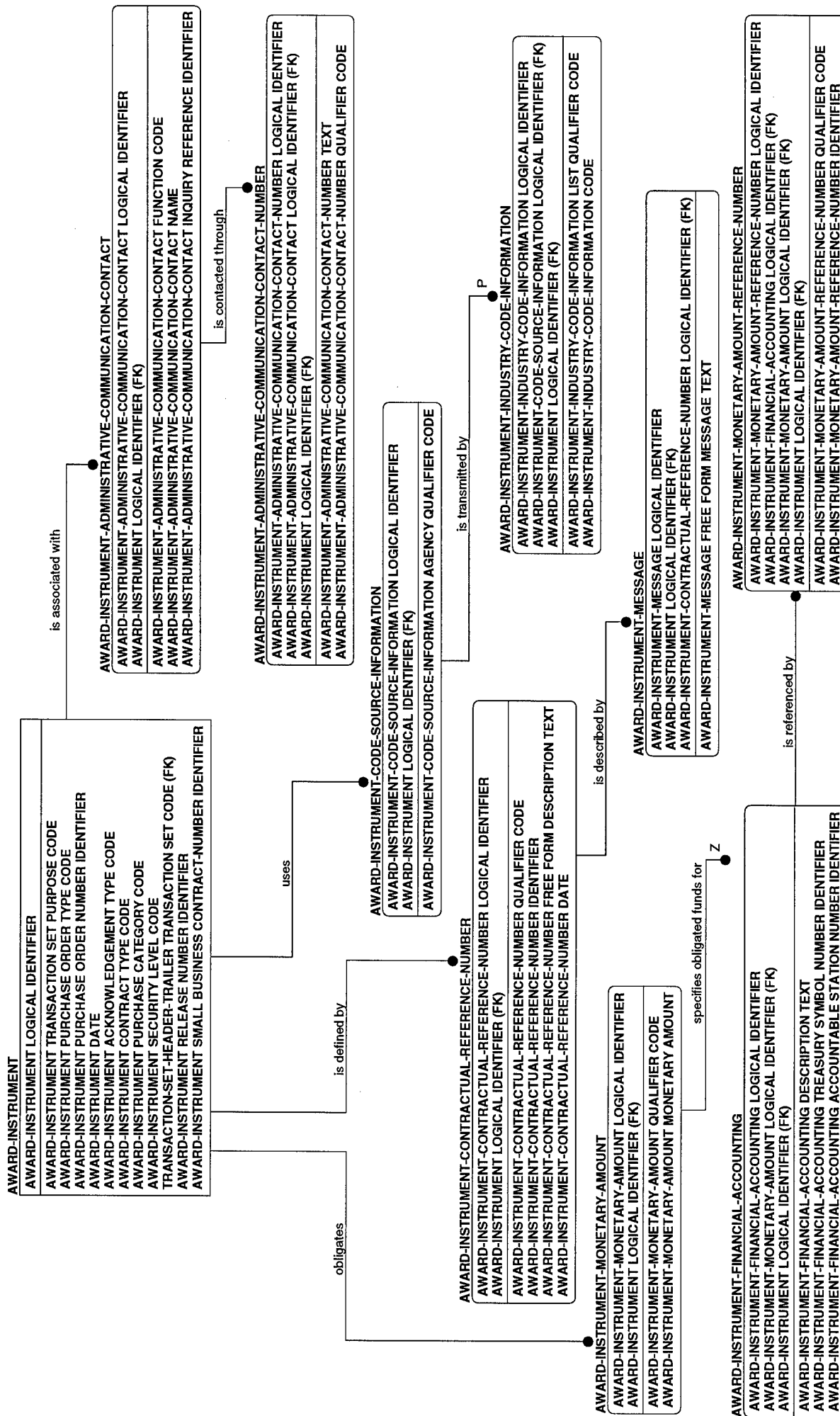
ES-25





ES-26

Presentation Legend:
BOLD = APPROVED
ITALIC = CANDIDATE
NORMAL = DEVELOPMENTAL



ES-27

DOD DATA MODEL
ES-27

30 NOVEMBER 1998

Presentation Legend:

BOLD = APPROVED

ITALIC = CANDIDATE

NORMAL = DEVELOPMENTAL

